



From

A L DIAS Esquire ICS

Deputy Secretary to the Government of Bombay  
Revenue Department

To

THE SECRETARY

Reconstruction Committee of Council  
New Delhi

SUBJECT — *Post war Reconstruction*

Sir

I am directed to state that a Plan for the post war development of the Province is being framed. The Plan is divided into three parts, namely, (i) a list of schemes, (ii) a list of projects, and (iii) a list of measures for the improvement of the Province. The first part of the Plan is a list of schemes for the improvement of the Province. The second part is a list of projects for the improvement of the Province. The third part is a list of measures for the improvement of the Province.

2 The main objective of the Plan is to raise the economic level of the country and increase the well being of its inhabitants and generally to improve the Province over a period of 15 years in every aspect of its social economic and cultural life both urban and rural. It is proposed that the execution of this comprehensive Plan should be divided as a working basis into three five year periods. The list of schemes appended to this letter are those proposed for execution during the First Five Year Plan.

3 It is clear however that all the possible schemes necessary to attain the objectives stated above cannot be taken up for execution in all parts of the Province simultaneously because of the limiting factors of finance and staff and the need of guarding against wastage in the actual expenditure of the taxpayers money by ensuring proper and efficient supervision over the actual implementation of the Plan. A realistic approach to the subject of Post war Planning therefore calls for a selection of schemes in order of urgency and importance and on the basis of the expected man power likely to be made available for working the Plan.

4 Government have further considered whether the work involved in the various schemes should be spread uniformly over the entire Province or concentrated in selected areas and have come to the conclusion that only by concentrating all practicable improvements in compact areas will it be possible to achieve visible and

results. Government therefore have decided that certain schemes must be diffused throughout the Province and others put into operation in areas even if these do not happen to be the ones selected for intensive development.

5 The various schemes have therefore been classified into the following categories

## (i) SPECIAL PRIORITY SCHEMES (STATEMENT I)

It is proposed to put these schemes into effect as quick ly as possible so as to meet, to some extent, the existing and more particularly the post war demand for the extra staff required for planning and execution

## (ii) ALL-PROVINCE SCHEMES (STATEMENT II)

These schemes will be spread over all districts in the Province and are intended to cater for the more urgent and basic needs and prepare the way for more intensive development later on

## (iii) PARTICULAR AREA SCHEMES (STATEMENT III).

These schemes by their nature are only suitable for introduction in certain areas, e g anti malaria measures, irrigation or public health projects

## (iv) ' CONCENTRATED ' AREA SCHEMES (STATEMENT IV).

Under this category is included a list of schemes which may require to be supplemented later after a careful check has been made of the needs and possibilities of the ' Concentrated Areas ' with a view to their all round development, i e , improving all areas within them liable to erosion, grazing areas, irrigation facilities, building all district and village roads, building school houses, securing the necessary number of trained teachers, encouraging local industries, providing water supply in the villages and towns, sanitation of larger towns, technical and agricultural high schools, organization of co operative work, veterinary dispensaries in every taluka, proper health and medical arrangements including stoppage of malaria, etc

The cumulative effect of such a concerted drive on compact areas is expected to yield rapid and satisfying results provide an excellent advertisement for Government's post war Plans and create a popular demand for the extension of the Plan to other areas

6 Nine districts have been taken as target for the ' Concentrated Areas ' for the first five years They are —

Satara	All talukas
Poona	Indapur taluka and Dhond and Sirur petas
Sholapur	Karmala, Sangola, Malsiras and Pandharpur talukas
Ahmednagar	Newasa, Kopergaon Rahuri Ahmednagar, Parner and Shrigonda talukas and Karjat peta
Kolaba	Mahad, Mangron and Roha talukas
Ratnagiri	Whole district except Vengurla peta
Belgaum	All talukas
Bijapur	All talukas
Surat	All talukas

7 In making this selection the Government was influenced by three factors

firstly, the ' Concentrated Areas ' must be distributed over various parts of the Province At any rate, it is necessary to experiment everywhere

secondly it is essential to pay special attention to the needs of certain areas in the Province—areas particularly liable to famine, areas where the soil is particularly unproductive and areas generally in need of development, and

thirdly the Concentrated Areas' should as far as possible correspond with the best recruiting areas. It must be remembered that the soldier is a member of the family that anything done for his benefit helps his family and in turn his own village.

8 The Plan covers every aspect of non industrial rural development, but does not deal with large scale industry. Industrial reconstruction is dependent on Planning by the Government of India and for it India must be regarded as a whole and industries located where they can be worked most economically. Government has however made a forecast of the number of workers likely to be displaced as a result of the changeover of the factories to a peacetime basis and also of the number of demobilised soldiers likely to return to the main cities and does not anticipate that Trade and Industry in the initial years after the war will have much difficulty in absorbing such persons. Government moreover is prepared to follow a policy of maintaining a high level of employment in urban centres as far as possible by an expansion of public works.

9 At the present stage it has not been possible to indicate the relative priority of schemes *inter se* as this would depend on the funds available. As a rough guide in deciding allocation of funds the following priority has been adopted —

- (i) Communications
- (ii) Agriculture
- (iii) Public Health
- (iv) Education

10 The total cost of the First Five Year Plan is expected to be in the neighbourhood of Rs 50 crores and the ways and means of financing a Plan of this magnitude are being examined. Government has already instituted a Post war Reconstruction Fund which at the close of the year 1944-45 is expected to amount to Rs 7 crores. That will of course need to be considerably supplemented. Recourse may have to be had to either taxation or borrowing or to both. in the Central Government Rs 50 crores  
estimated to be regarded as no more than a target the Government of Bombay has every reason to hope that it will be possible to finance a Plan of the scale contemplated.

11 A Plan without the men to execute it is useless and the most important factor in the success of Post war Reconstruction will be the existence of adequate and efficient agencies to execute the schemes. It is for this reason that Government has placed in the forefront of its Plan 13 Special Priority Schemes 12 of which deal with the training of staff. Of these schemes five have already been sanctioned and others relating to the Medical, Public Health and Educational Departments are being examined and are expected to be put into operation shortly. In addition the only Special Priority Scheme not solely concerned with staff viz. livestock improvement has also been sanctioned as the cattle required for post war years must be bred and reared now.

12 Apart from the measures referred to in the preceding para "

Government have taken the following steps for the Planning of various Post war projects —

A n  
with  
The  
the  
of I

A special officer under the Public Works Department has been appointed to examine in detail the project of the Grid Scheme of Electricity of this Province and to initiate the preliminary steps to be taken pending the preparation and promulgation of necessary legislation in connection therewith. The details of the scheme itself and the draft Bill are under discussion. In the meantime a list of heavy plant and equipment likely to be required for the scheme has been furnished to the Electrical Commissioner to the Government of India.

The creation of a Buildings Projects Division with head quarters at Poona has been recently sanctioned and will start work on the Planning of building schemes necessary in connection with the Post war Reconstruction Plan.

An Executive Engineer, Irrigation Project Division, has been appointed for investigation by stages of the irrigation projects proposed for execution in the Post war period.

13 As regards the resettlement of soldiers the Plan especially in so far as it focuses the initial portion of reconstruction activities in the recruiting areas, will go a long way in assisting rapid absorption into civil life. It segregate the soldier and malcontent would be unwise and prefer to be along the lines of general reconstruction. This does not however mean that specific schemes of direct benefit to ex soldiers will not be taken up. Two such schemes viz, Nos 4 and 78 are included in the Plan and certain others e.g., acquisition of land for ex soldiers financing land improvement works etc are under consideration of Government. In addition a statement of the consolidated staff requirements of the various Departments for the execution of post war Reconstruction schemes is being prepared so that the soldiers may know the various avenues of employment open to them.

14 It should be clearly understood that this Plan is by no means in the nature of an unalterable blue print. It serves to define Government's aims, but no finality is claimed either for outline or details. Further consideration or altered circumstances may—and doubtless will—necessitate considerable modification in the details of individual schemes while in respect of the Plan as a whole there are as already stated several limiting factors e.g. staff material and not least finance.

15 A small Pamphlet describing the main features of the Plan has been published & parately by Government.

Your obedient servant,

A L DIAS

Deputy Secretary to the Government of Bombay,  
Revenue Department

## LIST OF POST-WAR RECONSTRUCTION SCHEMES.

## STATEMENT I

## Special Priority Schemes.

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks
		Capital.	Recurring	Total	
1	2	3	4	5	6
<i>Agricultural Department</i>					
1	Expansion of agricultural education particularly Agricultural College Poona	13 20	9 91	23 11	
2	" " " " " "	1,61	10 28	11,69	
3	ing the establishment or expansion of centres for training staff for the bunding and dry farming programme Scheme for the preliminary training and work necessary for the execution of the scheme for extensive work in livestock improvement	3 80	9 10	12,00	
4	Scheme for the vocational training of soldiers	Details to be settled			
5	Training of horticultural staff	1,58	38	1,96	
6	Expansion of headquarters staff of the Agricultural Engineer to Government	60	1,03	1,63	
<i>Co-operative Department</i>					
7	Centre for training staff required for expansion of co-operative movement marketing, etc	2	1,27	1 29	
<i>Veterinary Department</i>					
8	Expansion of the Bombay Veterinary College	1,50	4,00	5 50	
<i>Medical and Public Health</i>					
9	Training of Subsidised Medical Practitioners in sanitary and public health work and expansion of existing facilities for the training of more Health Officers Sanitary Inspectors etc	3 05	13	3 18	
10	" " " " " "		2,76	2,76	
11	" " " " " "	6	1,23	1 29	
<i>Education</i>					
12	Expansion of Engineering College, Poona, to meet Public Works Department's Post war demand for staff	9,18	5,02	14,20	
13	Training of Primary Teachers for employment in concentrated areas	30	6,70	7 00	

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks.
		Capital	Recurring	Total	
1	2	3	4	5	6
<i>Industries</i>					
14	Sc...	Details to be settled			
	Scheme				
	Total	34,90	51,75	86,65	

## STATEMENT II

## Schemes to be introduced throughout the Province

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks.
		Capital	Recurring	Total	
1	2	3	4	5	6
<i>Agricultural Department</i>					
15	Expansion of scientific research work in agriculture to deal with the more pressing problems of post war agriculture	6,37	22,27	28,64	
16			20,87	20,87	
17			1,83	1,83	
<i>(Schemes for propagation of improved seed and better farming methods)</i>					
18	Multiplication and distribution of improved strains of different varieties of paddy in the drilled paddy tract (Dharwar and Belgaum districts) of the Bombay Province	3,78	1,36	5,14	

Scheme No	Scheme	Rough cost of 5-Year Plan in thousands of rupees.			Remarks
		Capital	Recurring	Total	
1	2	3	4	5	6
19	Multiplication and distribution of improved varieties of paddy seeds in the North Konkan tract of the Bombay Province	2,23	1,93	4,21	
20	Multiplication and distribution of Nadiad Rajri No 207	35	93	1,28	
21	Multiplication and distribution of seeds of improved varieties of bajra, rabi, jowar, wheat and gram in the extensive dry tract of the Bombay Deccan and Karnatak	13,46	6,13	19,59	
22	Production of the nucleus seeds of the improved strains of important food grain crops	1,83	1,70	3,03	
23	Expansion of district staff under the <i>Am. It. and En. agents Government</i>	..	1,10	1,10	
24		1,85	6,80	7,65	
25		6	35	41	
	neering				
	<i>Co-operative Department.</i>				
26	Extension of the Agricultural Debtors' Relief Act, 1939	17	16,42	16,59	
27	Co operative organisations for financing areas where Debt Relief Act has been introduced.		Details not yet settled.		
	<i>Veterinary Department.</i>				
28	Assumption of full control of veterinary dispensaries by Government.		7,95	7,95	
29	Expansion of supervising staff	7	2,86	2,93	
30	Expansion of investigating staff and establishment of Animal Husbandry Research Station	1,50	2,32	3,82	
31	Manufacture of sera and vaccines in the Province	2,50	2,64	5,14	
	<i>Medical and Public Health</i>				
32	Establishment of a Medical College at Poona	4,00	4,04	8,04	
33	Establishment of a Medical College at Ahmedabad	11,36	4,96	16,32	
34	Appointment of Medical Practitioners of higher qualifications at district headquarters hospitals	....	2,70	2,70	
35	Increase in the number of beds in the mofussil hospitals	8,52	7,86	15,93	
36	Creation of the cadre of technicians for X-ray and laboratory work	73	1,27	2,00	
37	Ambulance service to central hospitals	1,23	1,33	2,61	
38	Conversion of dispensaries into cottage hospitals	17,85	4,27	22,12	



Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks
		Capital	Recurring	Total	
1	2	3	4	5	6
<i>Labour</i>					
72	Extension of Payment of Wages Act and enforcement of Trade Board Minimum Wages and of compulsory standing orders in factories		2.2	2.2	
73	Extension of the Bombay Industrial Disputes Act and recognition of Trade Unions		1.00	1.50	
74	Labour Welfare Schemes (I to VII)	13.19	7.60	20.79	
<i>Public Works Department</i>					
75	Buildings (all Departments)	290.00	5.75	295.75	
76	Irrigation schemes	650.00	5.00	655.00	
77	Public Health Projects	146.00	9.15	155.15	
Total		1286.11	1,34.01	14,20.12	

## STATEMENT IV

## Schemes to be introduced in concentrated areas

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks
		Capital	Recurring	Total	
1	2	3	4	5	6
<i>Agricultural Department</i>					
78	Establishment of Rural Development Headquarters in selected districts	Details not yet settled			
79	"	1.30	6.98	8.28	
80	"	4.75	9.61	14.36	
81	Land Development and Improvement (Scarcity Areas)	479.30	103.85	583.20	
82	Land Development and Improvement (heavy rainfall areas)	24.30	9.01	33.31	
<i>Co-operative</i>					
83	"				
84	"	1.13	5.41	6.54	

Scheme No	Scheme	Rough cost of 5 Year Plan in thousands of rupees			Remarks.
		Capital	Recurring	Total.	
1	2	3	4	5	6
<i>Veterinary</i>					
85	Maintenance of veterinary dispensaries in each taluka and peta	1,82	9,45	11,27	
86	Conversion of certain number of stationary veterinary dispensaries into itinerating veterinary dispensaries	1,20	2,33	3,53	
87	Extension of dipping operations	25	45	70	
<i>Forests</i>					
88	Improvement of denuded areas ..	22,46	4,78	27,24	
<i>Medical and Public Health</i>					
89	Conversion of dispensaries into cottage hospitals	16,80	3,95	20,75	
90	Subsidised medical practitioners		2,40	2,40	
91	Appointment of Nurse Midwives		44	44	
92	Improved sanitation and drainage in bigger villages and towns	Details not yet settled.			
93	Improvement in village water supply	50,00		50,00	
94	Child Welfare and Maternity Centres	50	12,60	13,10	
95	Establishment of two more Health Units in the Province on the basis of the Health Unit at Sirur	5	1,63	1,68	
<i>Education</i>					
96	Training of primary teachers for employment in concentrated areas	89	16,84	17,64	
97	" " " " " "	10	2,22	2,32	
98	" " " " " "	20	5,60	5,80	
99	" " " " " "		9,95	9,95	
100	farms	5,00		5,00	
101	Opening of 4 more Agricultural High Schools	1,40	3,86	5,26	
102	Technical High Schools	2,00	3,60	5,60	
103	Introduction of free and compulsory elementary education in concentrated areas	3,00	68,04	71,04	
104	Construction of buildings for full grade primary schools in the concentrated areas	1,60,00	....	1,60,00	
105	Strengthening of Inspecting staff	11	7,39	8,00	
106	Medical Inspection and treatment of school children	1,00	17,50	18,50	
107	Supply of Mid day meals to primary school children in one taluka in Raichur district		12,00	12,00	
<i>Industries</i>					
108	Cottage Industries	97	8,07	9,04	
109	Publicity and Propaganda Scheme	5	54	59	
110	Headquarters staff for planning and execution of all schemes	6	2,91	2,97	

Scheme No	Scheme	Rough cost of 5 Year Plan in the units of rupees			Remarks
		Capital	Recurring	Total	
1	2	3	4	5	6
<i>Village Activities</i>					
111	Club Houses and Gymnasias for solders	50		50	
112	Libraries and reading rooms			0 00	
113	Village Chaudis	0 00		0 00	
114	Buildings for hostels for children of Indian soldiers		Cost not yet estimated		
<i>Public Works Department</i>					
115	(a) District Roads	District and village roads will also be constructed in areas other than concentrated areas. The allocation of funds for this purpose between the other areas and concentrated areas should be in the proportion of 60 : 50 in the case of district roads and 25 : 25 in the case of village roads (Scheme No 45 (c))			
	(ii) Village Roads				
Total		7,38 34	3 33 04	11,21 59	
Grand Total		41,56 77	20 35	43 52 12	
Deduct estimated capital expenditure on buildings (Scheme No 75) as this amount has also been included in different schemes				— 90 00	
				43 92,12	

---

**SPECIAL PRIORITY SCHEMES**

---



## SCHEME No. 1

1 *Department*—Agricultural

2 *Scheme*—Expansion of agricultural education particularly Agricultural College, Poona

3 *Brief description of the scheme*—(a) The scheme provides for increased facilities, i.e. buildings staff equipment contingent expenditure, etc., to enable 150 students to be admitted to the Agricultural College Poona annually, instead of approximately 100 as at present. After a period of three years, this increase will provide from 70–80 agricultural graduates (B Sc Agric) annually instead of approximately 40 per annum under present arrangements.

(b) The scheme provides also for the establishment of a Diploma Course in Agriculture for the training of non graduates in agriculture and allied sciences on an essentially practical basis. The course will last for 12 months and 75 students will be admitted annually. In addition a similar training course for 75 kangars will be established at the Kangar Training Centre, Poona, which will be of great benefit to this purpose.

4 *Areas selected for application*—The work will be carried out at the Agricultural College Poona, and other departmental institutions but the increased staff made available as the result of the training will be utilised over the whole Province.

5 *Other Departments concerned*—Public Works Department

6 *Upper staff for planning and/or execution of the scheme*—

*A Expansion of Agricultural College*

(a) 10 Graduates (Senior)

(b) 17 Graduates (Junior)

*B Diploma Course for Agricultural Assistants and Kangars*

(a) 1 B A S Class II officer

(b) 1 Graduate (Senior)

(c) 5 Graduates (Junior)

7 *Lower staff for planning and/or execution*—

(1) (a) 13 Laboratory Assistants (non graduates)

(b) 13 Field Assistants (non graduates)

*Clerical and Office staff*

(a) 3 Senior clerks

(b) 4 Junior clerks

(c) 13 Peons

(2) (a) 11 Field Assistants (non graduates)

(b) 4 Field and Laboratory boys

*Clerical and Office staff*

(a) 3 Junior clerks

(b) 4 Peons

8 *How staff to be obtained*—The staff required for the items of work proposed in this scheme will have to be found from the existing cadres of the Agricultural Department as experienced men will be required for training purposes. Their recruitment will be possible only in regard to the lower staff and clerical and office staff.

9 *Rough estimates of cost at existing rates for each year of the first five year Plan*—

Item	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(1) Expansion of Agricultural College— Capital Recurring	0 00 000 1 03 000	4 00 000 1 16 000	20 000 1 76 000	1 41 000	1 44 000	10 20 000 6 43 000 16 63 000
(2) Diploma Course for Agricultural Assistants and Kamgarn— Capital Recurring	3 00 000 6 000	6 00 000	70 000	71 000	73 000	3 00 000 3 49 000 6 49 000
Total } Capital } Recurring	3 00 000 1 09 000	4 00 000 1 84 000	20 000 1 96 000	2 12 000	2 17 000	13 20 000 9 91 000 23 11 000

10 *To what extent is the scheme productive and/or cost recoverable*—The

may decide to charge the trainees. The amount, however, as Government appreciable will not be

11 *Nature of material machinery etc., needed from—*

(a) *abroad*—Special apparatus needed for instructional purposes at the Agricultural College e.g. microscopes incubators frigidaires etc., books etc.

(b) *locally*—Other material etc., needed can be obtained locally.

12 *Any other remarks or information*—Orders have been issued for the employment of additional teaching staff at the College but proposals for the construction of additional buildings are being considered by the P.W.D. in consultation with the Dir. In the meantime two bungalows have been requisitioned for the accommodation of additional students attached to the College this year.

17

## SCHEME No. 2.

1 *Department*—Agricultural

2 *Scheme*—Establishment of suitably equipped and staffed centres for instruction and training of staff required for Post war agricultural development including the establishment or expansion of centres for training the staff for the bunding and dry farming programme

3 *Brief description of the scheme*—Annually 200 students will be trained in land development and 100 in dry farming methods

A training centre at Manjri has already been started to train annually 75 agricultural assistants and 75 karmgars in the technique of rural development and the trainees will be absorbed after completion of their training in the Agricultural Department as agricultural assistants and karmgars

Two other Agricultural Training Centres at Dhulia and Dewasur for training 26 agricultural assistants and 26 karmgars have also been started and the trainees will be absorbed in the Agricultural Department

4 *Areas selected for application*—The trained staff will be utilised throughout the Province

5 *Other departments concerned*—Public Works Department

6 *Upper Staff for planning and execution of the scheme*—The following staff required for the Land Development Training Centre at Bijapur has already been included in the Land Development Section of the Agricultural Department —

### *Upper Staff*

One Superintendent  
Three Senior Surveyors  
Three Assistant Senior Surveyors  
Four Bunding Sub Overseers  
One clerk

### *Lower Staff*

Eight Khalasis  
Five peons

7 *Lower staff for planning and/or execution of the scheme*—The staff required for the Sholapur Dry Farming Centre is as follows —

### *Upper Staff*

One Senior Agricultural Officer  
One Agricultural Officer  
Two Agricultural Officer Instructors  
Four Agricultural Assistants  
One clerk

### *Lower Staff*

Two peons  
Two mukadams



8 How staff to be obtained — From the existing departmental cadres

9 Rough estimate of cost at existing rates for each year of the First Five Year Plan —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	P.	Rs.	P.	P.	Rs.
(a) Capital*	1 60 5.00					1 60 5.00
(b) Recurring (for Bijapur and Sholapur Centres)—						
(a) Pay of establishment	20 7.4	31 000	32 833	34 0 0	13 4.50	1 63 5.60
(b) All wages of the staff	71 2.24	39 2.24	31 0 4	31 4	30 4	1 61 1.0
(c) Contingencies	17 7.60	17 7.60	17 7.60	17 7.60	17 7.60	85 4.00
Recurring expenditure for—						
M. n. r. i.	61 4.60	61 4.60	61 4.60	61 4.60	61 4.60	3 09 3.6
D. u. l. i. a.	26 3.6	26 3.6	26 3.6	26 3.6	26 3.6	1 31 4.8
Dev. h. o. u. r.	27 7.6	27 7.6	27 7.6	27 7.6	27 7.6	1 38 8.0
Total	3 63 30.4	2 03 0.2	2 03 0.00	2 07 0.30	2 03 4.4	11 85 0.8

\*For Sholapur Centre only

10 To what extent is the scheme productive and or cost recoverable — Non productive

11 Nature of material machinery etc., needed if

(a) abroad — Surveying instruments etc

(b) locally — Tools for digging and dry farming implements

12 Any other remarks or information—

## SCHEME No 3

1 Department—Agricultural

2 Scheme—Scheme for the preliminary training and work necessary for the execution of the scheme for extensive work in livestock improvement

■ *Brief description of the scheme*—(1) To organise 60 "Supplementary Breeding Centres" for the production of breeding stock and for the improvement of the Khillar, Amrit Mahal and Kankrej breeds of cattle. Over a period of 5 years, 60 such centres will be established, each centre consisting of 5 villages. In each centre 50 selected cows and 5 breeding bulls will be placed with approved cultivators on specific conditions framed to ensure the use of the progeny for further distribution. 12 centres will be organised annually and the work will be under close departmental supervision. At present this type of work is confined to the issue of "Premium Bulls" and "Premium Cows" in specified breeding areas.

(2) To intensify the 'Premium Bull' and 'Premium Cow' schemes in the Province. At present, about 200 bulls and 300 cows are being given out annually under the (Premium) scheme. It is proposed to increase the annual issue of "Premium Bulls" and "Premium Cows" to 100 and 1,200 per annum respectively by the end of a 5 year period.

(3) To intensify the district work of the Livestock Section of the Agricultural Department especially in connection with demonstration and propaganda towards the production and storage of fodder by scientific methods and on a much increased scale, by distribution of seed of improved fodder crops construction of silo pits etc. and the expansion of arrangements for periodic district cattle shows and cattle rallies.

(4) To augment the supervisory and district staff of the Livestock Section of the Department by the items of the Livestock Extension Scheme, efficiently and satisfactorily and to provide for the post war activities of the Section in connection with livestock improvement. It is proposed to appoint 4 Divisional Superintendents of Cattle Breeding in Class II of the Bombay Agricultural Service and to increase the present number of Agricultural Officers in charge of Cattle Breeding i.e. 14 to 19 so as to provide one such officer per district.

4 Areas selected for application—Whole Province particularly those suitable for different types of cattle.

5 Other Departments concerned—Revenue Public Works and Co-operative Departments.

6 Upper staff for planning and/or execution of the scheme—

Upper staff—

(a) *Gazetted staff*—

(1) Class II, B A S—

4 Divisional Inspectors of Cattle Breeding

(b) "

There is no

tion of plans and estimates and (b) execution of the scheme. The staff mentioned above will deal with both these functions.

7 Lower staff for planning and/or execution of the scheme—

Lower staff—

(a) Non graduate but trained—

(1) 11 Agricultural Assistants

(2) 71 Cattle Kamgars

*Clerical and office staff—*

- (1) 10 Senior clerks
- (2) 28 Junior clerks
- (3) 18 Peons

The staff requirement mentioned above are based upon a programme of livestock extension work over a period of 5 years. The staff noted above is in addition to the existing staff of the Livestock Section of the Agricultural Department.

8 *How staff to be obtained*—Senior gazetted staff will be obtained by promotion within the cadre of the Livestock Section.

Non-gazetted senior staff will be directly recruited from the Agricultural College, etc.

Lower (technical staff) will be provided partly by promotion of suitable existing staff to post of Agricultural Assistants and by direct recruitment and training on Government at Cattle Farms of suitable persons for cattle languages.

Clerical and office staff will be obtained by promotion of existing staff to senior posts and by direct recruitment to junior clerks' posts and of peons.

9 *Rough estimates of cost at existing rates for each year of the First Five Year Plan—*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Item (1)—Capital*	76 000	76 000	76 000	76 000	76 000	3 80 000
Recurring, †	13 000	26 000	31 000	31 000	31 000	1 95 000
Item (2)—Recurring	52 000	70 000	72 000	94 000	1 07 000	4 10 000
Item (3)—Recurring	18 000	19 000	20 000	20 000	24 000	1 00 000
Item (4)—Recurring	27 000	43 000	44 000	45 000	46 000	2 05 000
				Capital		3 80 000
				Recurring		1 95 000
				Total		5 75 000

\* Provides for 50 per cent of cost of animals supplies (to Supplementary Breeding Centre) and 50 per cent to be recovered from the persons to whom the animals are allotted under 'Pran' D 1.

stock. The scheme will produce many young breeding animals for distribution in other areas.

11 *Nature of material, machinery etc needed from—*

(a) *Abroad*—Dairy equipment, e.g., cream separators, butter churns, etc. Sheep shearing equipment.

(b) *Locally*—Agricultural implements, veterinary instruments, incubators, wire netting (for poultry farms), Building materials, etc.

12 *Any other remarks or information*—The scheme has been approved generally and the Director is asked to start the scheme and to furnish details of the recurring and non-recurring cost involved.

#### SCHEME No. 4.

##### *Scheme for the Vocational Training for Soldiers*

A scheme for the training of military instructors at the three Training Centres at Belgaum, Deolali and Kirkee is under the consideration of Government. Under this scheme 20 selected soldiers will undergo preliminary general course in Agriculture, Co operation and Public Health for 4 to 5 weeks at the Training Centre and thereafter each trainee will, according to his aptitude, be sent for a specialised short-term course of about 3 months to one or other of the existing civil institutions which impart intensive training in either bunding or dry farming or poultry keeping, etc. Those who are properly qualified and show special aptitude may be detained for a long term course. It is also proposed in connection with this scheme to set up Small Rural Exhibitions and establish Demonstration Agricultural Plots at these Training Unit Centres.

The details of this scheme are being worked out.

## SCHEME No. 5.

1. *Department*—Agricultural
2. *Scheme*—Training of Horticultural staff
3. *Brief description of*—One training class exists at the G F I, St Killee  
Three more are to be started each for training 50 students
4. *Areas selected for application*—Whole of the Province
5. *Other Departments to be consulted*—1 Revenue Department 2 Co-operative Department
6. *Upper staff for planning and/or execution of the Scheme*—Three graduates—one for each centre
7. *Lower staff for planning and/or execution of the scheme*—3 Agricultural Assistants—one for each centre 3 Malis—one for each centre
8. *How staff to be obtained*—  
*Upper staff*—Agricultural graduates to be employed by direct recruitment or promotion  
*Lower staff*—To be obtained from men trained in existing training centres
9. *Rough estimates of cost at existing rates for each year of the first five year plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	P <sub>2</sub>	P <sub>4</sub>	Rs	P <sub>2</sub>	P <sub>2</sub>
(a) Capital (Buildings and equipment)	1 56 000					1,56 000
(b) Recurring	6 960	7 1 <sup>00</sup>	7 5 2	7 786	8 184	37 674
<b>Total</b>	<b>1 64 960</b>	<b>7,170</b>	<b>7,512</b>	<b>7,786</b>	<b>8 184</b>	<b>1,95 674</b>

10. *To what extent is the scheme productive and/or cost recoverable*—
11. *Nature of materials machinery, etc needed from*—  
(a) *abroad*—Nil  
(b) *locally*—Grafting and budding knives, Secateurs, pruning knives, etc
12. *Any other remarks or information*—The details of the scheme have not yet been approved by Government

# SCHEME No. 6.

1 Department — Agricultural

2 Scheme — Expansion of the Headquarters staff of the Agricultural Engineer to Government

3 Brief description of the scheme — An increase in the staff, contingencies, etc., of the office of the Agricultural Engineer to Government is of prior importance in order to enable that office to undertake rapidly and efficiently the preliminary work connected with other schemes of post war rural development under the Agricultural Department, e.g., preparation of plans and estimates for constructional works, etc., and to supervise their execution

4 Areas selected — Government, i.e., the work proposed Engineer to suits, etc of Province

5 Other Departments concerned — Nil

6 Upper staff for planning and/or execution of the scheme —

	1st year	2nd year	3rd year	4th year	5th year	Total
(a) Class II, B A S	2					2
(b) Technical Staff—						
(a) Overseers (130—10—250)	2					2
7 Lower Staff—						
A Technical Staff—						
(a) Draftsman (90—4—130)	2					2
(b) Tracers (35—5/2—50)	2					2
B Clerical and Office Staff—						
(a) Senior clerk (Rs 80—5/2—95)	1					1
(b) Junior clerk (25—5/2—55)	2					2
(c) Peons (Rs 17)	4					4

8 How staff to be obtained — Some by promotion within the existing cadres under the Agricultural Engineer and the rest by direct recruitment

9 Rough estimates of cost at existing rates for each year of the first five year —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(A) Capital	40 000	20 000	21 000	21 000	22 000	60 000
(B) Recurring	19 000	20 000	21 000	21 000	22 000	1 03 000
Total	59 000	40 000	21 000	21 000	22 000	1 63 000

10 To what extent the Scheme is productive and/or cost recoverable — The scheme is not directly productive and the cost is not recoverable

11 Nature of materials, machinery etc., needed from—

(a) Abroad — Nil

(b) Locally — Office furniture

12 Any other remarks or information — This work is of prior importance and its provision is necessary precedent to other schemes for preparation of plans and estimates of constructional works, etc., included in the post war development programme of the Agricultural Department

(2) The details of the scheme have not yet been finally approved by Government

## SCHEME No. 7.

1 Department—Co operative

2 Scheme—Training of staff

3 *Brief description of the scheme*—It is proposed to establish a full fledged training centre at Poona with a view to provide training to the staff which is required to be appointed for planning and execution of the various schemes under post-war reconstruction which have been separately proposed. The staff to be trained at this centre would consist, among others of—

(1) Assistant District Co operative Officers to be appointed under the scheme for co operative organisations for financing areas where the Debt Relief Act has been brought into operation

(2) Managers for sale organisations

(3) Additional marketing staff for development of co-operative marketing

(4) District Co operative Officers and Sub Auditors to be recruited hereafter

(5) Supervisors of Supervising Unions (with the increase in the number of societies there will be a corresponding increase in the number of supervising unions with a consequent increase in the number of supervisors)

(6) Secretaries of Regulated Markets

It is difficult at this stage to state whether one central school at Poona would be in a position to train all the staff and it may be necessary at a later stage to establish two more sub-centres one at Dharwar and the other at Surat especially for the training of those members of the staff, who only know regional languages. The staff proposed to be trained at Poona would be manned by the staff indicated in column 7

4 Areas selected for application—

5 Other Departments concerned—Department of Industries, Agriculture and Revenue, according to the needs of the staff requiring training

6 Upper staff for planning and/or execution of scheme—One Assistant Registrar in the grade of Rs 235—500 plus special pay of Rs 75 per mensem

7 Lower staff for planning and/or execution of schemes—

(1) One Senior Inspector in the grade of Rs 180—10—270

(2) Two Junior Inspectors in the grade of Rs 135—5—180

(3) One clerk in the grade of Rs 25—5/2—55

(4) Three peons on Rs 18 per mensem

8 How staff to be obtained—By appointment of suitable persons in the Department

9 Rough estimates of cost at existing rates for each year of the first five year plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	2 000					2,000
(b) Recurring	26 248	27 668	28 148	21,563	22 048	1 26 680
Total	28,248	27 668	28 148	21 563	22 048	1,28,680

10 *To what extent is the scheme productive and/or cost recoverable —*

11 *Nature of materials, machinery, etc needed from—*

(a) *abroad, and—*

(b) *locally—*

12 *Any other remarks or information —*In this scheme provision is made for a money grant of Rs 20,000 to be given to supervising unions to meet the cost of substitute supervisors for the period their supervisors undergo training at the centre

(2) The estimated cost on account of the scheme works out at Rs 1,28 680, but as it may be necessary to establish two more sub centres and provide also for refresher courses etc, an allotment of Rs 2 lacs may be made. It would also be necessary to train some other staff, e.g. staff for the scheme under consolidation of holdings, the cost on this account is provided for under that scheme



## SCHEME No. 8

- 1 *Department*—Civil Veterinary
- 2 *Scheme*—Expansion of the Bombay Veterinary College
- 3 *Brief description of the scheme*—It is proposed to expand the College by the admission of 50 additional students every year in order to meet modern requirements in Veterinary Training
- 4 *Areas selected for application*—Bombay
- 5 *Other Departments concerned*—Public Works Department
- 6 *Upper staff for planning and/or execution of the scheme*—
  - 4 Class I Officers
  - 1 Class II Officer
- 7 *Lower staff for planning and/or execution of the scheme*—
  - 1 Librarian
  - 5 Laboratory Assistants
  - 5 Laboratory Attendants
- 8 *How staff to be obtained*—By direct recruitment is available
- 9 *Rough estimate of cost at existing rate for each year of the first five year plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) Capital	1 50 000					1 50 000
(b) Recurring	50 450	71 120	91 700	97 050	94 820	4 00 900
Total	1 00 450	71 120	91 700	97 050	94 820	5 50 900

10 *To what extent is the scheme productive and/or cost recoverable*—Non productive

11 *Nature of materials machinery etc needed from—*

(a) *abroad*—Laboratory equipment X Ray apparatus, etc, Instrument etc

(b) *locally*—

12 *Any other remarks or information*—This is a Special Priority Scheme and Government has sanctioned the following concessions to new students for 11 years from 1944-45—

(1) Exemption from payment of college and examination fees

(2) Offer of 60 scholarships of which 30 should be at Rs 40 per mensem 15 at Rs 30 per mensem and 15 at Rs 20 per mensem

(3) Supply of text books and any equipment required by the students at half cost

The scale of pay for Veterinary Assistant Surgeons has also been revised in this Province with effect from 1st April 1944. The revised scale : Rs 60—5—110—E B—5—160 with a selection grade of Rs 170—10—200 for 10 per cent of the total number of posts

2 The details of the scheme have not yet been finally approved by Government

## SCHEME No. 9.

1. *Department*—Public Health
2. *Scheme*—Training of subsidised Medical Practitioners in Sanitary and Public Health work
3. *Brief description of the scheme*—The object of this scheme are (1) to give a short course of instructions to the subsidised Medical Practitioners in Sanitary and public health work and to induce them to qualify as Sanitary Inspectors and (2) augment the resources at the disposal of Government in fighting and preventing epidemics
4. *Areas selected for application*—All areas of the Province
5. *Other Departments concerned*—Director of Public Health, Public Works Department
6. *Upper staff for planning and/or execution of the scheme*—Nil  
Three subordinates medical officers to be deputed from the Public Health Department every year
7. *Lower staff for planning and/or execution of the scheme*—Nil Three Sanitary orderlies
8. *How staff to be obtained*—Three subordinate medical officers will be deputed from the Public Health Department every year Substitutes to act in their places will be obtained locally or by advertisement Sanitary orderlies will be obtained locally
9. *Rough estimate of cost at existing rates for each year of the First Five Year Plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	3 05 000					3 05 000
(b) Recurring	2 600	2 600	2 600	2 600	2 600	13 000
Total	3 07 600	2 600	2 600	2 600	2 600	3 18 000

10. *To what extent is the scheme productive and/or cost recoverable*—The scheme is in the interest of the health of the rural population
11. *Nature of material machinery etc needed from—*
  - (a) *abroad*—Nil
  - (b) *locally*—Inoculation outfit, materials required for purifying water models, charts, sprays bore hole latrine equipment slides bottles for samples, sundries and stationery
12. *Any other remarks or information*—The Subsidised Medical Practitioners with their scanty knowledge of public health even though trained in the proposed rural sanitary class for 11 months cannot do the work expected of the sanitary officers or health officers However they will be useful to supplement the work of inoculation, vaccination and disinfection to be done, when epidemics break out by the permanent members of the District Public Health staff in each district which will be responsible for preventive health work

Returned soldiers who will be found fit to follow the lectures will be admitted to the class with a view to their being appointed as Sanitary Inspectors and Sub Inspectors in the Districts

The question of the expansion of the existing facilities for the training of more health officers, Sanitary Inspectors, etc., is under consideration

# SCHEME No. 10.

1 Department—Medical

2 Scheme—Improvement in medical education at the Grant Medical College, Bombay

3 Brief description of the scheme—In order to improve the examination results of the students of the Grant Medical College Bombay, and to produce efficient doctors it is proposed to entertain full time teaching staff in place of the present honorary staff in clinical subjects so that they can devote their whole attention to teaching and research

4 Areas selected for application—Bombay

5 Other Departments concerned—

6 Upper staff for planning and/or execution of the scheme—

1 Professor of Medicine on Rs 1,100—40—2 000

1 Professor of Clinical Medicine on Rs 1,200—40—1,800

1 Professor of Surgery on Rs 1 400—40—2 000

1 Professor of Clinical and Operative Surgery on Rs 1,200—40—1,800

2 Registrars on Rs 250 each

3 Honorary Physicians on Rs 100 per mensem each

3 Honorary Assistant Physicians on Rs 85 per mensem each

3 Honorary Surgeons on Rs 100 per mensem each

3 Honorary Assistant Surgeons on Rs 85 per mensem each

10 Housemen on Rs 50 each

7 Lower staff for planning and/or execution of the scheme—

8 How staff to be obtained—The staff will be recruited from the available local sources, by inviting applications through advertisement without restriction as to race or domicile, as it is important to secure the best men available regardless of their origin especially for the posts of Professors

9 Rough estimate of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	*50 080	*52 000	*53 920	*55 840	*57 760	2 69 600
Total	50 080	52 000	53 920	55 840	57 760	2 69 600

\* This represents the net additional expenditure on account of the entertainment of the full time staff—in place of the part time staff at the Grant Medical College Bombay. The net expenditure is arrived at as follows for the 1st year—

Rs 87,720 (full time staff)

(existing part time staff)

—Rs 37,640

=Rs 50 080

10 To what extent is the scheme productive and/or cost recoverable—

11 Nature of material, machinery, etc., needed from—

(a) abroad—

(b) locally—

12 Any other remarks or information—Although this scheme is included in the list of Post war schemes, it is proposed to put the scheme into effect immediately in view of its urgency, as more and better doctors are required

## SCHEME No. 11.

1 Department—Medical

2 Scheme—College of Nursing at Satara

3 Brief description of the scheme—It is proposed to establish a College of Nursing at Satara with effect from 1st April 1915 for training 60 students per annum (15 students for each course of 3 months). The College will serve as a preliminary training school for the several hospitals which are recognised by the Bombay Nurses, Midwives and Health Visitors Council as centres for training nurses.

4 Areas selected for application—Marathi speaking districts

5 Other Departments concerned—

6 Upper staff for planning and/or execution of the scheme—

1 Lady Superintendent on Rs 220—25/2—320 (plus uniform allowance of Rs 72 per annum)

1 Assistant Lady Superintendent on Rs 100—10—150 plus uniform allowance of Rs 72 per annum

1 House and Linen Keeper on Rs 60—5—80 plus uniform allowance of Rs 40 per annum

1 Clerk on Rs 25—5/2—55

7 Lower staff for planning and/or execution of the scheme—

2 Hamals on Rs 14 per mensem each \*

1 Sweeper on Rs 11 per mensem \*

1 cook on Rs 14 per mensem \*

2 Table servers on Rs 11 per mensem each \*

1 cook's mate on Rs 11 per mensem \*

\*with House Rent allowance of Rs 2 per mensem each

8 How staff to be obtained—To be recruited from outside sources by advertisement

9 Rough estimate of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
(a) Capital	Rs *6 000	Rs	Rs	Rs	Rs	Rs 6 000
(b) Recurring	123 810	24 134	24 558	24 892	25 206	1 22 590
Total	29 810	24 134	24 558	24 882	25 206	1 23 590

\*For equipment

†This includes expenditure on account of stipends to students, lecture fees, messing charges, contingencies, rent for building, pay and allowances of the staff, etc.

10 To what extent is the scheme profitable and/or cost recoverable—

11 Nature of material machinery etc. needed from—

(a) abroad—

(b) locally—

12 Any other remarks or information—

(i) The building with an estimate of Rs 1 00 000 required for the College being included in the Public Works Department Scheme No 75 regarding building work.

(ii) It has been decided to treat the scheme as a Special Priority Scheme to put into effect from 1st April 1915.

## SCHEME No. 12.

1 *Department*—Education2 *Scheme*—Expansion of the College of Engineering, Poona

3 *Brief description of the scheme*—Government has decided that with effect from June 1944, extra students should be admitted every year to the degree course at the College of Engineering Poona as shown below in order to meet the P. W. demand for trained staff—

	No. of extra annual admissions
Civil Engineering Course	40
Mechanical Engineering Course	5
Electrical Engineering Course	5
	<hr/> 50

It has also been decided that 50 extra students should be admitted to the course of the diploma classes at the College of Engineering from June 1944

4 *Areas selected for application*—Poona5 *Other Departments concerned*—Public Works Department6 *Upper staff for execution of the scheme*—*vide* attached statements I, II and III7 *Lower staff for execution of the scheme*—*vide* attached statements I, II and III

8 *How staff to be obtained*—By promotion in the Department or recruitment by advertisement

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan*

	1st year 1944-45	2nd year 1945-46	3rd year 1946-47	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	4,50,000	1,30,000	33,000	2,00,000†		9,13,000
(b) Recurring	3,400	1,13,000	1,17,000	1,17,000	1,17,000	5,07,400
Total	4,94,000	2,66,000	1,50,000	3,09,000		14,19,000

\*This expenditure is likely to increase by Rs. 25,000 which is the estimated cost of constructing a common room for the staff and students of the College. The need for this work is being examined and it may be sanctioned during the current year if Government is satisfied on this point.

†These buildings are to be constructed after the war.

10 *To what extent is the scheme productive and/or cost recoverable*—Fees from extra students—

	Rs
1st year	20,000
2nd year	40,000
3rd year	60,000
4th year	90,000
5th year	90,000
Total	<hr/> 3,00,000

*Nature of material, machinery, etc., needed from—*

- (a) *Abroad —* } The equipment required is to be obtained through the Central  
 (b) *Locally —* } Stores Purchase Organisation of Government

*Any other remarks or information —* The Director of Public Instruction has asked to furnish Government as soon as possible with comparative statements of the existing staff, contingent grants, etc., of the College and the additions to be needed owing to the proposed expansion of the College during the years 1945-46 and 1946-47, with full justifications for the additions. The proposals of the Director of Public Instruction are still awaited.

## STATEMENT I

*Extra staff required due to Revision of Courses during 1944-45.*

Department	Staff
1 Workshops	One Assistant Lecturer (Rs 135-8-215) Average pay Rs 190 One Skilled Artisan Grade I (Rs 70-5-100) Average pay Rs 93 One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3
2 Civil Engineering	Two Assistant Lecturers (Rs 135-8-215) Average pay Rs 190 One Laboratory Attendant (Rs 20-1-30) Average pay Rs 23 3
3 Applied Mechanics and Mathematics	One Lecturer Class II (Rs 170-10-250-E II-15-500)
4 Mechanical Engineering	
	One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3
5 Electrical Engineering	One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3 One Assistant Lecturer in Electrical Engineering (Rs 135-8-215)
6 Geology (Metallurgy)	
7 Office	One Clerk (Rs 25-5/2-55) One hamal at Rs 10

## STATEMENT II

*Extra staff required due to 50 additional admissions to the Degree courses during 1944-45*

Department	Staff
1 Workshops	
2 Civil Engineering	
3 Applied Mechanics and Mathematics	Average pay Rs 190 One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3
4 Mechanical Engineering	One Assistant Lecturer (Rs 135-8-215) Average pay Rs 190 One Skilled Artisan Grade I (Rs 70-5-100) Average pay Rs 93 One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3

100)

STATEMENT II—*contd*

Department	Staff
Chemistry and Geology	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Electrical Engineering	One Assistant Lecturer (Rs 12—5—21.0) Average pay Rs 190
"	One Skilled Artisan (Rs 10—1—100) Average pay Rs 93
"	One Machine Attendant (Rs 2—1—30) Average pay Rs 23 3
Office and Library	One Clerk (Rs 2—5—2—50) One Library Assistant (Rs 23—5—2—50—50) Average pay Rs 50
	One Namdas' Rs 16 per mensem.

## STATEMENT III

*Extra staff required due to 50 additional admissions to the Diploma Course in Civil Engineering during 1944-45*

Department	Staff
Workshops	One Skilled Artisan, Grade I (Rs 10—1—100) Average pay Rs 93
	One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
Civil Engineering	One Demonstrator (Rs 12—5—21.0) Average pay Rs 190
	Two Survey Instruments Attendants (Rs 10—1—30) Average pay Rs 23 3
Mechanical Engineering	
Applied Mechanics and Mathematics	
Electrical Engineering	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Chemistry and Geology	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Office	



## STATEMENT I

*Extra staff required due to Revision of Courses during 1944-45*

Department	Staff
1 Workshops	One Assistant Lecturer (Rs 135-8-215) Average pay Rs 190 One Skilled Artisan Grade I (Rs 70-5-100) Average pay Rs 93 One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3
2 Civil Engineering	Two Assistant Lecturers (Rs 135-8-215) Average pay Rs 190 One Laboratory Attendant (Rs 20-1-30) Average pay Rs 23 3
3 Applied Mechanics and Mathematics	One Lecturer Class II (Rs 170-10-200-E D -15-500) Average pay Rs 300
4 Mechanical Engineering	One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3
5 Electrical Engineering	One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3 One Assistant Lecturer in Electrical Engineering (Rs 135-8-215)
6 Geology (McFallurgy)	One Clerk (Rs 20-5/2-55)
7 Office	One hamal at Rs 16

## STATEMENT II

*Extra staff required due to 50 additional admissions to the Degree courses during 1944-45*

Department	Staff
1 Workshops	
2 Civil Engineering	
3 Applied Mechanics and Mathematics	One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3 One Assistant Lecturer (Rs 135-8-215) Average pay Rs 190 One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3
4 Mechanical Engineering	One Assistant Lecturer (Rs 135-8-215) Average pay Rs 190 One Skilled Artisan Grade I (Rs 70-5-100) Average pay Rs 93 One Machine Attendant (Rs 20-1-30) Average pay Rs 23 3

STATEMENT II—*contd*


---

Department	Staff
Chemistry and Geology	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Electrical Engineering	One Assistant Lecturer (Rs 130—8—215) Average pay Rs 130
	One Skilled Artisan (Ps 70—5—100) Average pay Rs 83
	One Machine Attendant (Ps 20—1—30) Average pay Rs 23 3
Office and Library	One Clerk (Ps 20—5/2—65) One Library Assistant (Rs 25—5/2—55—5—80) Average pay Rs 50
	One Hamal at Ps 16 per mensem

---

## STATEMENT III

*Extra staff required due to 50 additional admissions the Diploma Course in Civil Engineering during 1944-45*

---

Department	Staff
Workshops	One Skilled Artisan Grade I (Rs 70—5—100) Average pay Ps 83
	One Machine Attendant (Rs 20—1—30) Average pay Rs 23 3
Civil Engineering	One Demonstrator (Rs 130—8—215) Average pay Rs 190
	Two Survey Instruments Attendants (Rs 20—1—30) Average pay Rs 23 3
Mechanical Engineering	
Applied Mechanics and Mathematics	
Electrical Engineering	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Chemistry and Geology	One Laboratory Assistant (Rs 20—1—30) Average pay Rs 23 3
Office	

---

## SCHEME No 13

- 1 Department—Educational
- 2 Scheme—Training of Primary Teachers for employment in concentral areas
- 3 Brief description of the scheme—Opening of three Primary Training College with hostels attached to them
- 4 Areas selected for application—Districts of Ratnagiri Kolaba Satara Poona Sholapur Ahmednagar Belgaum Bijapur and Surat
- 5 Other Departments concerned—
- 6 Upper staff for planning and/or execution of the scheme—  
For planning—(1) One Bombay Educational Service Officer in the B E Class II scale of Rs 170—500  
(2) One clerk in the scale of Rs 25—5½—55  
For execution—(1) Three B E S Class II Officers in the scale of Rs 170—5  
(2) Thirty trained graduate teachers in the scale of pay Rs 15—175  
(3) Six clerks in the scale of Rs 25—5½—55
- 7 Lower staff for planning and/or execution of the scheme—  
For planning—Two peons on Rs 18 and Rs 17 per mensem  
For execution—60 inferior servants on Rs 12 to Rs 18 per mensem
- 8 How staff to be obtained—  
Upper staff—By promotion or transfer in the Department  
Lower staff—By recruitment as far as possible from returned soldiers
- 9 Rough estimate of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
(a) Capital	Rs 30 000	Rs	Rs	Rs	Rs	Rs 30 000
(b) Recurring	1 04 000	1 37 000	1 40 000	1 43 000	1 46 000	6 00 000
Total	1 34 000	1 37 000	1 40 000	1 43 000	1 46 000	7 00 000

- 10 To what extent is the scheme productive and/or cost recoverable—
- 11 Nature of material machinery etc needed from—  
(a) Abroad—  
(b) Locally—Furniture and other equipment to be purchased locally

buildings are provided for them

as the case of the other schemes

SCHEME No. 14.

- 1 *Department*—Department of Industries
- 2 *Scheme*—Training of technical personnel in connection with Electrical Grid scheme
- 3 *Brief description of the scheme*—Scheme for the training at the Victoria Jubilee Technical Institute of Electricians and other technical personnel in connection with the Electrical Grid Scheme
- 4 *Areas selected for application*—Bombay
- 5 *Any other remarks or information*—The scheme is still under the consideration of Government and consequently no details have so far been settled.



---

**ALL PROVINCE SCHEMES.**

---



## SCHEME No. 15.

1. *Department*—Agricultural.
2. *Scheme*—Agricultural Research—Expansion of
3. *Brief description of the scheme*—The scheme provides for the most urgent requirement in connection with the extension of scientific research work in connection with agricultural development in the Province of Bombay, especially, in regard to the improvement of yield and quality of the more important food crops, the investigation of soil and agronomic problems of economic importance to the cultivators and scientific investigations into other aspects of agriculture which are considered to be of prior importance in post-war agricultural improvement and expansion.

The major items of scientific research work in the Scheme are as under —

(a) *Plant Breeding and Crop Improvement (Cereals)*—(Under the Deputy Director of Agriculture, Crop Research) Provides adequate facilities for scientific plant breeding and crop improvement work on the main cereal food crops, e g jowar, bajri, wheat, rice, etc

(b) *Plant Breeding and Crop Improvement (Pulses and Oil seeds)*—(Under the Economic Botanist to Government) Provides for necessary facilities, staff, equipment, etc for urgent scientific work on the improvement of pulse and oilseed crops of importance in the Province viz kulthi, mathi, udid, lang, tur, safflower, sesamum, gram, castor, groundnut, etc

(c) *Agricultural Chemistry*—(Under the Agricultural Chemist to Government, Agricultural College, Poona) Provides for scientific investigation into (a) reclamation and improvement of damaged lands, e g Kari lands of Karnatak, bhal lands of Gujarat, salt land areas, etc, (b) fertility survey of cultivable lands in the Province, (c) chemical aspects of organic and inorganic manuring of different crops on different soil types, (d) improvement of soil quality, (e) nutritive values of various fodder crops, (f) indigenous manufacture of fertilisers, insecticides, etc, etc

(d) *Agricultural Entomology*—(Under the Agricultural Entomologist to Government, Agricultural College, Poona) Provides for adequate staff, equipment, contingencies, etc, at headquarters and in the districts for scientific research work into important economic entomological problems, including study of factors governing outbreaks of insect pests, insect pests on the rice crop and on fruit trees, insect pests of stored grain etc

(e) *Agronomical Research*—(Under Professor of Agriculture, Agricultural College, Poona) Provides for scientific experimental work on tillage methods, manurial treatments rotations, etc, designed to increase the yield per acre of major food crops in the Province, e g, jowar, bajri, etc, and of important fodder crops

(f) *Plant Pathology*—(Under Plant Pathologist to Government, Agricultural College, Poona) Provides for two sub stations, one in Southern and one in Northern Divisions of the Province, for research work on important crop diseases in these areas and as the headquarters for a plant disease control staff in the districts under the Plant Pathologist to Government

(g) *Agri Silvicultural Research Station, Sirsi*—Provides for scientific investigation into problems connected with the cultivation of agricultural and garden crops in the up ghat tracts of Kanara district and with silvicultural and agri silvicultural problems dealing with improvement of production of indigenous



tree crops economic development of forest areas, land development, etc in the same areas

4 Areas selected for application—Whole of Province

5 Other Departments concerned—Revenue Department, Forest Department and Public Works Department

6 Upper staff for planning and/or execution of the scheme—

(a) B A S Class II—Items (a) to (g)—

13 Officers (gazetted)

(b) Agricultural Officers (graduates)—

23 Grade I—Items (a) to (g) and

73 Grade II—Items (a) to (f)

7 Lower staff for planning and/or execution of the scheme—

(a) Agricultural Assistants—

29 Grade I

39 Grade II

(b) 76 Kamars

(c) 13 Counters

(d) 19 Muccadams

(c) Forest Staff [Item (a)]—

(1) 1 Range Forest Officer

(2) 2 Foresters

(3) 6 Forest Guards

Clerical and Office staff —

(a) 3 Clerks (Senior)

(b) 19 Clerks (Junior)

(c) 24 Peons

(d) 10 Laboratory Boys

8 How staff to be obtained—Upper staff, i.e. gazetted and graduates will be obtained by promotion within existing cadres or by direct recruitment of suitably qualified candidates. The lower staff will largely be obtained from departmental training centres and by promotion from lower grades in specialized sections of the department.

\* 9 Rough estimates of cost at existing rates for each year of the First Five Year Plan—(vide serial No. 3 above)

Item	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital—Item(a)—						
(b) Recurring—Capital	66 500	73 500	73 500			2 13 500
Recurring	9 000	1 50 000	2 20 000	2 20 000	2 27 000	8 96 000
Total	1 45 500	2 23 500	2 93 500	2 20 000	2 27 000	1 109 500
Item (b)—						
Capital	30 500	18 000	18 000			66 500
Recurring	58 000	71 000	97 000	1 01 000	1 04 000	4 37 000
Total	88 500	99 000	1 15 000	1 01 000	1 04 000	5 03 500

Item	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Item (c)— Capital Recurring	20 000 20 000	30 000 31 000	1 000 44 000	1 000 47 000	1 000 49 000	60 000 1 91 000
Total	45 000	66 000	45 000	48 000	50 000	2 54 000
Item (d)— Capital Recurring	60 000 77 000	70 000 70 000	11 000 70 000	78 000 78 000	8 000 8 000	20 000 3 84 000
Total	1 40 000	70 000	86 000	78 000	8 000	4 60 000
Item (e)— Capital Recurring	1 000 7 000	7 500	8 000	8 000	8 000	1 000 38 500
Total	8 000	7 500	8 000	8 000	8 000	38 500
Item (f)— Capital Recurring	50 000 13 000	50 000 23 000	5 000 24 400	5 000 20 500	5 000 27 000	1 00 000 1 13 400
Total	63 000	78 000	29 400	30 500	30 000	2 33 400
Item (g)— Capital Recurring	1 00 000 30 000	30 000	33 000	34 000	3 000	1 00 000 1 64 000
Total	1 30 000	30 000	33 000	34 000	30 000	2 64 000
Total—Capital						6 37 000
Recurring						29 96 000
Grand Total						28 33 000

10 To what extent is the scheme productive and/or cost recoverable—No appreciable money income need be anticipated from any item proposed under the scheme. The indirect returns however represented in the extension of better yielding crop varieties reduction of losses from plant diseases and insect pests, improved methods of soil treatment and tillage etc. are incalculable.

11 Nature of material machinery etc needed from—

(a) abroad—Certain laboratory apparatus equipment etc not procurable in India. Chemicals etc.

(b) locally—Implements furniture laboratory and field equipment etc.

12 Any other remarks or information—The scheme is approved generally and the Director has been asked to put up detailed schemes in order of priority and is reviewing research work on various items done so far and the progress and in giving effect to various research schemes now in progress etc.

## SCHEME No 16

## 1 Department—Agricultural

2 Scheme—Provision of adequate staff and contingencies for conducting district work of the Agricultural Department throughout the Province on adequate basis to meet Post War requirements for Agricultural Development

3 Brief description of the scheme—Provides for (a) the head quarters and (b) the district staffs of the Agricultural Department in order to enable the extended activities of the department in the Post War period connected with the supervision and execution of district work i.e. propaganda, demonstration services to the public work etc., to be adequately and efficiently carried out

In brief it is proposed —

(1) to strengthen the supervisory staff of the Agricultural Department (a) head quarters and (b) in the districts by the addition of the undermentioned Class I B A S posts on a permanent basis —

One post of Assistant Director of Agriculture (1)

One post of Deputy Director\* of Agriculture Headquarters (A)

One post of Deputy Director of Agriculture Konkan Division (B)

Two additional posts of territorial Deputy Directors of Agriculture in addition to three such posts now in existence and the redistribution of charge among 5 instead of 3 Deputy Directors of Agriculture

(2) to augment the present district staff (C) of the Agricultural Department gradually over a period of 5 years so that at the end of that period there will be —

One Agricultural Officer (graduate) for each Prant

One Agricultural Assistant (non graduate) for each Taluka

One Agricultural Officer (graduate) for each Government Farm

Two Agricultural Assistants (non graduates) for each Government Farm

Two trained Kamgars under each Agricultural Officer

One trained Kamgar under each Agricultural Assistant

4 Areas selected for application—Whole of the Province

5, Other Department to be consulted—Revenue and Public Works Department

6 Upper staff for planning and/or execution of the scheme—

A Upper staff—(a) Class I B A S—

Gazetted officers —

(A) At present these appointments are sanctioned on a temporary basis

(B) At present the Konkan Division is in charge of a Divisional Superintendent of Agriculture Class II B A S

(C) Present staff of Agricultural Officers—

in districts

on Government Farms

Present staff of Agricultural Assistants—

in districts

on Government Farms

Present staff of Kamgars—

in districts

on Government Farms

\*Sanctioned up to 19th August 1944 and has since been extended for a year more.

(b) *Agricultural Officers—*

Grade I

6

Grade II

19

7 *Lower staff for planning and/or execution of the scheme—*B *Lower staff—*(a) *Agricultural Assistants—*

Grade I

25

Grade II

13

(b) *Kamgars*

260

C *Clerical and Office staff—*(a) *Senior clerks*

17

(b) *Junior clerks*

35

(c) *Peons*

10

8 *How staff to be obtained—*The Class I B A S personnel will largely be available by promotion within existing cadres of Class II B A S and senior Agricultural Officers in Grade I will be filled in Grade II and in Grade II by promotion. Lower and clerical staff will be trained in department training centres over suitable training period.

9 *Rough estimates of cost at existing rates for each year of the First Five Year Plan—*

(a) Capital (vide Serial No 3 above)	1st	2nd	3rd	4th	5th	Total
(b) Recurring—						
(a) Pay of staff—						
1 Upper staff	30 000	40 500	50 500	55 000	60 000	2 36 000
2 Lower staff	80 000	1 40 000	1 00 000	1 40 000	3 00 000	8 65 000
3 Clerical and office staff	30 000	43 000	50 000	51 000	57 000	2 33 000
(b) Allowances	57 000	1 00 000	1 30 000	1 50 000	1 70 000	6 07 000
(c) Contingencies	10 000	11 000	12 000	9 000	9 000	51 000
Total	2 07 000	3 33 500	5 67 500	5 05 000	8 91 000	20 87 000

10 *To what extent is the scheme productive and/or cost recoverable—*The Scheme is not directly productive and none of the cost involved is recoverable. The additional staffs however, is necessary for the adequate supervision and conduct of the increased activities of the Agricultural Department consequent upon other schemes of rural development and the increase in departmental activities anticipated in the immediate post War period.

11 *Nature of material machinery etc needed from—*

(a) *abroad—*Typewriting machines, duplicators and specialised office equipment.

(b) *locally—*Agricultural implements office furniture and equipment etc.

12 *Any other remarks or information—*The scheme is generally approved in principle and the Director asked to approach Government for the creation of additional posts as and when required with full details of the expenditure required to strengthen the staff in the areas concerned.

# SCHEME No 17.

## 1 Department—Agricultural

2 Scheme—Establishment required by the Deputy Director of Agriculture Headquarters "Grow More Food Crops" Campaign, for controlling the various schemes outlined under Multiplication and Distribution of improved seed of food grain crops (Schemes Nos 18 to 22) and purchase storage and distribution of manure (vide Schemes Nos 18 and 49) to the same

3 Brief description of the scheme—The scheme provides for the expansion of the Central Office under the Deputy Director of Agriculture Headquarters "Grow More Food Crops" Campaign Pooni to enable him to perform the extended activities of the various schemes under his control. The total estimated expenditure of the various schemes comes to Rs 1,13,92,910 and the additional estimated income to the cultivators comes to Rs 17,11,91,900. The following statement gives an idea of the amount of work and funds to be handled under the scheme—

Scheme No	Name of the Scheme	Area to be covered.	Estimated cost	Total additional yield
		Acres	Rs	Maad
I(a)	Multiplication and Distribution of improved strains of different varieties of paddy in the drilled paddy tract (Dharwar and Belgaum districts) of the Bombay Province	150 000	5 13 658	1 003 1
I(b)	Multiplication and Distribution of improved varieties of paddy seeds in the North Konkan tract of the Bombay Province	300 000	4 21 429	1 190 1
I(c)	Multiplication and Distribution of Vaidad Bajri No 207	300 000	1 28 404	847 4
I(d)	Multiplication and Distribution of seeds of improved varieties of <i>bajri</i> , <i>ragi</i> , <i>jowar</i> , <i>wheat</i> and <i>gram</i> in the extensive dry tract of the Bombay, Deccan and Karnatak	3 000 000 3 000 000 500 000 300 000	18 53 093	5 005 0 2 000 0 720 0 354 0
II(a)	Application of groundnut cake manure to paddy irrigated wheat and jowar crops	2 200 000	83 80 320	6 660 0
II(b)	Preparation of a mixture of ammonium phosphate, bonemeal and groundnut cake and its application to potato crop	9 000	85 000	875 0
Total		9 709 300	1 13 92 910	17 419 4

4 Areas selected for application—Whole of the Bombay Province

5 Other Departments concerned—

6 Upper staff for planning and/or execution of the Scheme—Two Gazet Officers—Class II of the Bombay Agricultural Service for five years

7 Lower staff for planning and/or execution of the Scheme—16 clerks and peons for five years

8 How staff is to be obtained—By promotion and recruitment. Retired soldiers can be appointed to posts of clerks and peons after suitable training

9 Rough estimates of cost at existing rates for each year of the First Five Year Plan

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs.	Rs	Rs	Rs
(a) Capital						
(b) Recurring	39 124	3 644	36 898	37 308	38 602	187 516
Grand Total						Rs 1 87 516

10 *To what extent is the scheme productive and/or cost recoverable*—The Scheme not directly productive. Efficient supervision is, however, necessary to achieve the most valuable results estimated in various schemes proposed.

11 *Nature of materials, machinery, etc. needed from*—

(a) *Abroad*—Typewriters, duplicators and specialised office equipment

(b) *Locally*—

12 *Any other remarks or information*—The Scheme is of urgent importance in order to enable adequate and efficient supervision being exercised over the various zones under the Deputy Director of Agriculture Headquarters.

The details of the Scheme have not yet been approved by Government.

# SCHEME No 18

## 1 Department —Agricultural

2 Scheme —Multiplication and Distribution of improved strains of different varieties of paddy in the drilled paddy tract (Dharwar and Belgaum district) the Bombay Province

3 Brief Description of the Scheme —It is proposed to cover an area of 100,000 acres in five years. Wild rice which is locally called 'Gonag' in the drilled paddy tract acts as a pernicious weed and is required to be eliminated from pure paddy seed. Its grain matures very unevenly and drops as it matures being thus lost to the cultivators. It multiplies very rapidly through land contamination and the fields affected by 'Gonag' go wild very soon causing great loss to the cultivators. Pure paddy seed multiplication in the drilled paddy tract of the Bombay Province is very important and necessary and this Scheme aims at it. There are improved strains of three varieties of paddy, viz. Mugad Antarsel and Doldiya, there is scope for extension of these over an area of 150,000 acres. The yield of paddy is commonly 20 times the seed but for the purpose of the Scheme with due allowance for consumption etc. 10 times has been taken as multiplication factor. There will be 4 stages of seed multiplication and in each of these rigorous roundness and purity of seed from 'Gonag' and other varieties of paddy is absolutely necessary which provision is made. The total irrecoverable expenditure of the Scheme comes to about five lakhs rupees. The following statement gives an idea of the areas in different stages in different years —

Year	Acres in different stages				
	1st	2nd	3rd	4th	5th
1st	10	10			* 60,000
2nd	10	100	1,500		* 60,000
3rd	10	100	1,500	15,000	* 60,000
4th	10	100	1,500	15,000	150,000
5th	10	100	1,500	15,000	150,000

\* During the first three years of the Scheme fairly pure seed already available in the districts will be distributed over an area of 60,000 acres

4 Area selected for application —Dharwar and Belgaum Districts of Karnataka

5 Other Departments concerned —

6 Upper Staff for planning and/or execution of the Scheme —

1 Gazetted Class II Officer of the B. A. S. and

3 Agricultural Officers for five years

7 Lower Staff for planning and/or execution of the Scheme —

Year	Clerks	Kamgars	Depot Kamgars	Peons
1st	2	6	6	5
2nd	2	9	9	5
3rd	2	12	12	5
4th	2	15	15	5
5th	2	15	15	5

8  
can be

ned solid

9 Rough estimates of cost at existing rates for each year of the first five years —

Items		1st year	2nd year	3rd year	4th year	5th year
		Rs	Ps	Rs	Rs	Rs
Capital	1 Subsidy for rounging etc	300	3 300	31 300	31 300	31 300
	2 Premium on purchase and exchange of seed	30 900	30 900	30 900	30 900	30 900
	3 Transport and storage charges	600	6 600	6 600		
Recurring	4 Cost of staff and contingencies	21 506	21 978	27 930	37 180	37 702
		53 306	71 788	107 730	1 40 490	1 41 062

Capital	Rs
Recurring	3 78 000
	1 35 658
Grand Total	5 13 658

10 To what extent the Scheme is productive and/or cost recoverable — The resulting additional income to cultivators by working the Scheme would be as under —

Year	Area under improved seed	Additional yield per acre	Total additional yield	Value of additional yield
	Acres	Maunds	Maunds	Rs.
1st	60 150	2	1 20 300	980 400
2nd	61 650	2	1 23 300	1 01 400
3rd	76 650	2	1 53 300	1 26 400
4th	166 650	2	3 33 300	2 68 400
5th	166 650	2	3 33 300	2 68 400
			1 063 500	8 65 400

11 Nature of materials machinery etc needed from—

(a) abroad—Typewriter

(b) locally—Office furniture equipments etc

The details of the Scheme have not yet been approved by Government



## 1 Department—Agricultural

2 Scheme—Multiplication and Distribution of improved strains of different varieties of paddy in the drilled paddy tract (Dharwar and Belgaum districts) in the Bombay Province

3 Brief Description of the Scheme—It is proposed to cover an area of 1,50,000 acres in five years. Wild rice which is locally called Gonag in the drilled paddy tract acts as a pernicious weed and is required to be eliminated from pure paddy seed. Its grain matures very unevenly and drops as it matures being thus entirely lost to the cultivators. It multiplies very rapidly through land cultivation and the fields affected by Gonag would very soon cause great loss to the cultivators. Pure paddy seed multiplication in the drilled paddy tract of the Bombay Province is very important and necessary and this Scheme aims at it. The improved strains of three varieties of paddy, viz. Mugad Antarsel and Dodwa, where there is scope for extension of these over an area of 1,50,000 acres. The yield of paddy is commonly 20 times the seed but for the purpose of the Scheme with due allowance for consumption etc. 10 times has been taken as multiplication factor. There will be 1 stage of seed multiplication and in each of these rigorous roundings purity of seed from Gonag and other varieties of paddy is absolutely necessary which provision is made. The total irrecoverable expenditure of the Scheme is estimated at about five lakhs rupees. The following statement gives an idea of the areas at different stages in different years—

Year	Acres in different stages				
	1st	2nd	3rd	4th	5th
1st	10	150			* 60
2nd	10	150	1,500		* 150
3rd	10	150	1,500	15,000	* 300
4th	10	150	1,500	15,000	150,000
5th	10	150	1,500	15,000	150,000

\* During the first three years of the Scheme fairly pure seed already available in the districts was distributed over an area of 60,000 acres.

4 Area selected for application—Dharwar and Belgaum Districts of Karna

5 Other Departments concerned—

6 Upper Staff for planning and for execution of the Scheme—

1 Gazetted Class II Officer of the B. A. S. and

3 Agricultural Officers for five years

7 Lower Staff for planning and for execution of the Scheme—

Year	Clerks	Kamgars	Depot Kamgars	Peon
1st	2	6	6	5
2nd	2	9	9	5
3rd	2	12	12	5
4th	2	15	15	5
5th	2	15	15	5

8 How staff is to be obtained—By promotion and recruitment. Returned soldiers can be employed as clerks kamgars peons etc. after suitable training.

9. *Rough estimates of cost at existing rates for each year of the First Five Year plan —*

Items	1st year	2nd year	3rd year	4th year	5th year
	Rs	Rs	Rs	Rs	Rs
(a) <i>Capital</i>					
Premium on purchase and exchange of seed	9,000	9,900	18,900	64,900	84,900
(b) <i>Recurring</i>					
Transport and storage charges	60	600	6,600	6,600	6,600
Cost of Staff and Contingencies	20,464	30,220	41,312	47,607	47,607
	35,524	40,720	66,802	1,39,167	1,39,167
Grand Total	Rs 4,21,549				

10 *To what extent the Scheme is productive and/or cost recoverable — The resulting additional income to cultivators by working the Scheme would be as under —*

	Area under improved seed	Additional yield per acre	Total additional yield	Value of additional yield
	Acres	Maunds	Maunds	Rs
at	30,300	1½	45,450	4,54,500
id	33,300	1½	49,950	4,99,500
d	63,300	1½	94,950	9,49,500
h	3,33,300	1½	4,99,950	4,99,950
h	3,33,300	1½	4,99,950	4,99,950
			11,90,250	11,90,250

11 *Details of materials, machinery, etc needed from—*

(a) *Abroad* — Typewriters

(b) *Locally* — Office furniture, equipments etc

12 *Any other remarks or information —* (1) An amount of Rs 5,000 for Personal Ledger Account for purchase of seed at the direction of Director of Agriculture or the Officer in charge of the Scheme.

(2) The details of the Scheme have not yet been approved.

# SCHEME No 20.

- 1 Department — Agricultural
- 2 Scheme — Multiplication and Distribution of Nadiad Bajri No 207
- 3 Brief Description of the scheme — It is proposed to cover an area of 36 acres in four years Bajri is a highly cross pollinated plant

... can only be multiplied, having the remaining 50 per cent outside ring Bajri multiplies 100 times in North Gujarat, for the purpose of the Scheme only 50 time is taken into account, leaving the rest for consumption. The total irrecoverable expenditure of the Scheme comes to about Rs 1,30,000. The following statement gives an idea of the areas under different stages in different years over which pure seed is to be distributed

	Year				Acres in different stages			
					1st year	2nd year	3rd year	4th year
1st					0	600 (300)		*12 000
2nd					0	800 (300)	15 000 (7 500)	*12 000
3rd					0	600 (300)	15 000 (7,500)	3 00 000
4th					0	600 (300)	15 000 (7,500)	3 00 000

\*During the first two years of the Scheme fairly pure seed already available in the districts will be distributed over an area of 12 000 acres

Note — Bajri is a highly cross pollinated plant and provision has been made for raising the seed in protected inner areas shown in brackets

4 Area selected for application — Ahmedabad, Kaira and Broach and Pinjra districts of Gujarat

5 Other departments concerned —

6 Upper Staff for planning and/or execution of the scheme —

1 Senior Agricultural Officer for four years

1 Agricultural Officer for first year

2 Agricultural Officers in the second year

3 Agricultural Officers in the third and fourth years

7 Lower Staff for planning and/or execution of the scheme —

Year	Clerks	Kamgars	Depot Kamgars	Peons
1st	1	1	1	2
2nd	2	5	5	3
3rd	2	15	15	4
4th	2	15	15	4

8 How staff is to be obtained —

By promotion and recruitment Returned soldiers can be employed as clerks, Kamgars, peons, etc, after suitable training

9. *Rough estimates of cost at existing rates for each year of the First five Year Plan :—*

Item	1st year	2nd year	3rd year	4th year.
	Rs	Rs	Rs	Rs.
(a) <i>Capital</i>				
Premium on purchase and exchange	600	1,350	15,750	15,750
Transport and storage charges	20	520	520	520
(b) <i>Recurring</i>				
Cost of Staff and Contingencies	12,056	15,899	32,714	32,714
Grand Total Rs 1,23,404	12,676	17,760	49,984	48,084

10 *To what extent the scheme is productive and/or cost recoverable —*

Year	Area under improved seed.	Additional yield per acre	Total additional yield	Value of additional yield.
	Acres	Mounds	Mounds	Rs.
1st	600	1	600	3,600
2nd	15,600	1	15,600	93,600
3rd	315,600	1	315,600	18,93,600
4th	315,600	1	315,600	18,93,600
			6,47,400	39,84,400

11. *Details of materials, machinery, etc., needed from—*

(a) *abroad* —Typewriter.

(b) *locally* —Office furniture, equipment, etc

12 *Any other remarks or information* —An amount of Rs 10,000 may be kept as personal Ledger Account at the disposal of the Deputy Director of Agriculture or the Officer in charge of the Scheme

(2) The details of the scheme have not yet been approved by Government

## SCHEME No 21

1 Department — Agricultural

2 Scheme — Multiplication and Distribution of seeds of improved varieties bajra, rabi jowar wheat and gram in the extensive dry tract of the Bombay Deccan and Karnatak

3 Brief description of the Scheme — In this extensive tract bajra in the khar and jowar wheat and gram in the rabi season are the principle food crops. It occupies an area of about 31 lakhs rabi jowar 56 lakhs wheat 12 lakhs and gram 42 lakhs acres. Improved strains giving higher yield are available for multiplication and distribution in all these crops. Khar bajra is suited for an area of about 30 lakhs acres, M 351 rabi jowar for about 30 lakhs acres, improved strains of different varieties of wheat viz, Jy Vijay, Moti Gulab and Niphad 4 have the scope of occupying an area of five lakhs acres and the improved variety of gram named chitran can command an area of 3 lakhs acres. A combined Scheme, therefore aims at covering 30 lakhs acres bajra 30 lakhs acres rabi jowar, 5 lakhs acres wheat and 3 lakhs acres gram with a common staff to work at. The total irrecoverable cost of the Scheme is estimated at Rs 19 lakhs and the total estimated extra profit to the cultivators at Rs 52 millions during the period of five years for which the Scheme is proposed. The following statements give an idea of the areas under different stages in different years of different crops —

### Bajra

Year	Acres in different stages		
	1st year	2nd year	3rd year
1st	30 000 (1, 000)		*100 000
2nd	30 000 (1 000)	300 000 (1 0 000)	*100 000
3rd	30 000 (1 000)	300 000 (1 00 000)	3 000 000
4th	30 000 (15 000)	300 000 (1 00 000)	3 000 000
5th	30 000 (1 000)	300 000 (150 000)	3 000 000

\*During the first two years of the Scheme fully pure seed already available in the districts will be distributed over an area of 100 000 acres

Note — 1

### Rabi Jowar

Year	Acres in different stages			
	1st year	2nd year	3rd year	4th year
1st	50	2 500		†200 000
2nd	50	2 500	50 000	†200 000
3rd	50	2 500	50 000	1 000 000
4th	50	2 500	50 000	2 000 000
5th	50	2 500	50 000	3 000 000

†During the first two years of the Scheme fully pure seed already available in the districts will be distributed over an area of 2 00 000 acres

## Wheat

Year	Acres in different stages					
	1st year	2nd year	3rd year	4th year	5th year	6th year
1st	100	800				*60 000
2nd	160	800	4 000			*60 000
3rd	160	800	4 000	20 000		*60 000*
4th	160	800	4 000	20 000	100 000	
5th	160	800	4 000	20 000	100 000	500 000

\*During the first three years of the Scheme fairly pure seed already available in the districts will be distributed over an area of 60 000 acres

## Gram

Year	Acres in different stages					
	1st year	2nd year	3rd year	4th year	5th year	6th year
1st	100	500				
2nd	100	500	2 500			
3rd	100	500	2 500	12 500		
4th	100	500	2 500	12 500	60 000	
5th	100	500	2 500	12 500	60 000	300 000

4 Area selected for application—Bombay Deccan and Karnatak

5 Other Departments concerned—Nil

6 Upper Staff for planning and/or execution of the Scheme—

■ Gazetted Class II Officers of the B A S for five years

6 Agricultural Officers for 1st year

8 Agricultural Officers for 2nd year

10 Agricultural Officers for 3rd year

12 Agricultural Officers for 4th and 5th years

7 Lower Staff for planning and/or execution of the Scheme—

Year	Clerks	Kamgars	Depot Kamgars	Peons
1st	4	16	16	10
2nd	6	30	30	10
3rd	6	40	40	14
4th	6	60	60	16
5th	6	60	60	16

8 How staff is to be obtained—By promotion and recruitment Returned soldiers can be employed as clerks, kamgars etc after suitable training

■ Rough estimates of cost at existing rates for each year of the first Five Year Plan

The premium transport and storage charges are calculated separately for each crop The cost of staff and contingencies is worked out for the whole combined Scheme

## Bajri

Items		1st year	2nd year	3rd year	4th year	5th year
		Rs	Rs	Rs	Rs	Rs
1	Premium on purchase and exchange of seed	6 500	11 500	1 66 500	1 66 500	1 66 00
■	Transport and storage charges	3 000	18 000	18 000	18 000	18 000
		9 500	29 500	1 84 500	1 84 500	1 84 500

Items	1st year	2nd year	3rd year	4th year	5th year
	Rs	Rs	Rs.	Rs.	Rs
<i>Rabi Jowar</i>					
1 Premium on purchase and exchange of seed	10 000	12 500	47,500	47 500	47 500
2 Transport and storage charges	123	1,623	1,623	1,623	1 623
	10 123	14 123	49 123	53 123	53 123
<i>Wheat</i>					
1 Premium on purchase and exchange of seed	15,000	18 200	23 200	37,200	1,57,200
2 Transport and storage charges	210	1,440	7 440	37 400	37 400
	15 210	20,640	32,640	74 640	2 34 640
1 Premium on purchase and exchange of seed		700	4 500	22,000	1 12,900
2 Transport and storage charges	1 0	900	4 600	23 100	23,100
	150	1,600	9 100	46 000	1 36 000
Total of all crops	38 015	73 915	2,75,415	3,08,315	5 93 315
3 Cost of Staff and Contingencies	59 816	81,108	99 368	1,30,916	1,36 916
	97,831	1,67,023	3,73 783	4 93,231	7 30 231

Grand Total Rs 18 50 000

10 To what extent the scheme is productive and/or cost recoverable —The results additional income to cultivators from different crops by working the scheme will be as under —

Year	Area under improved seed	Additional yield per acre	Total additional yield	Value of additional yield
	Acres.	Mounds	Mounds	Rs.
<i>Bayan</i>				
1st	130,000		60 000	3 90,000
2nd	430 000		215 000	12,90,000
3rd	3 330 000		1,686 000	79 90 000
4th	3 330,000		1,665,000	79 90,000
5th	3 330 000		1,665,000	79,90,000
			5 275,000	2,56,50 000
<i>Rabi Jowar</i>				
1st	202 500		101,250	6,07,500
2nd	232,500		126 250	7,57,500
3rd	1,052,500		526 250	31,57,500
4th	1,552 500		778,250	46 57,500
5th	2,052,500		1,026 250	61,57,500
			2,556,250	1,50,37,500

Year	Area under improved seed	Additional yield per acre	Total additional yield	Value of Additional yield
<i>Wheat.</i>				
	Acres	Maund	Maund	Rs
	60,800	3/4	45,600	5 17,200
	64,800	3/4	49,600	5 83,200
	84,800	3/4	67,600	7,63,200
	124,800	3/4	93,600	11,23,200
	624,800	3/4	468,600	56 23 200
			7,20,000	86 10 000
<i>Gram</i>				
	500	3/4	375	3,750
	3,000	3/4	2,250	22,500
	15,600	3/4	11,625	1,16,250
	77,000	3/4	57,750	5,77,500
	377,000	3/4	282,750	22,87,500
			354,750	30 07,500
Grand Total			62,335 000	

1 *Details of materials, machinery etc needed from—*

(a) *Abroad*—Typewriter

(b) *Locally*—Office furniture, equipments etc

12 *Any other remarks or information*—An amount of Rs 20 lakhs may be kept Personal Ledger Account for purchase of seeds of different crops at the disposal the Deputy Directors of Agriculture or the Officers in charge of the Scheme

2 The details of the Scheme have not been approved by Government



## SCHEME No. 22

1 *Department* — Agricultural

2 *Scheme* — Production of the nucleus seeds of the improved strains of important food grain crops

3 *Brief description of the scheme* — Seeds of improved varieties of crops of paddy, bajra, wheat, rabi jowar and gram intended to be multiplied are to be produced on Government farms under the expert supervision of the Deputy Director of Agriculture. (Crop Research)

It is proposed to organise this work on sound basis before the accompanying seed multiplication and distribution Schemes are started

Advantage of the existing Government farms is to be taken fully and the services of the existing farm staff utilised. To meet the requirements of the accompanying Schemes however additional lands are to be taken on lease and expenditure on cultivation, storage, fumigation chambers, etc., is necessary

There is sufficient area for raising the required quantities of paddy, bajra and rabi jowar seeds on farms but for the purpose of raising adequate quantities of wheat and gram, additional areas of 260 acres are to be taken on lease near the Government farms Niphad, Kopergaon, Bijapur and Dharwar

The total cost on this account works at about Rs 3 lakhs (Capital—Rs 1,30,000 plus recurring Rs 1,70,000) during the period of five years, for which the various seed multiplication and distribution Schemes are proposed

4 *Area selected for application* — The existing Government farms at Muga, Karjat, Nadiad, Niphad, Kopergaon, Sholapur, Bijapur, Dharwar, Chass and Jew with an additional area of 260 acres

■ *Other Departments concerned* —

5 *Upper Staff for planning and/or execution of the scheme* — One Gazetted Officer in Class II of B. A. S., two Agricultural Officers

7 *Lower Staff for planning and/or execution of the scheme* — 1 clerk, 1 Agricultural Assistant, 1 mukadams, 4 bullockmen, 4 watchmen and 4 peons for five years

8 *How staff to be obtained* — By promotion and recruitment. Returned soldiers can be employed as clerks, agricultural assistants and other posts shown under item 7 above after suitable training

9 *Rough estimates of cost at existing rates for each year of the first five year plan* —

(a) Capital —	Rs
1 Stores, fumigation Chambers, Apparatus, fencing, livestock and other equipments	1,33,000
(b) Recurring —	
2 Land rent, cattle feeds, cultivation charges, etc., at Rs 20,000 per year	1,00,000
3 Cost of staff and contingencies, at about Rs 14,000 per year	70,000
Total recurring	1,70,000
Grand total	3,03,000

10 To what extent the Scheme is productive and/or cost recoverable — About 15 000 rupees will be recovered as the value of seed produced on 260 acres in Rs 75 000 years

Details of materials machinery etc needed from—

(a) Abroad —Typewriter

(b) Locally —Office furniture, equipments etc

Any other remarks or information —The details of the scheme have not yet been approved by Government

- 1 *Department*—Agricultural
- 2 *Scheme*—Expansion of the district staff under the Agricultural Engineer Government
- 3 *Brief description of the scheme*—Provision of adequate mechanical supervision etc., to cultivators possessing power plants tractors etc for agricultural purposes in the post war period when rapid development of power-turbine is anticipated
- 4 *Areas selected for application*—Whole Province Greater attention will be paid in Bhopur, Dharam, Satara and Belgaum and Surat districts and of Poona Ahmednagar, Sholapur and Kolaba districts
- 5 *Other Departments concerned*—Nil
- 6 *Upper staff for planning and/or execution of the scheme*—Three Mechanical Assistants (Rs 130—10—250)
- 7 *Lower staff for planning and/or execution of the scheme*—  
 6 Senior Mechanics (Rs 90—1—130)  
 6 Junior Mechanics (Rs 30—2—60)  
 6 Junior clerks  
 3 Peons
- 8 *How staff to be obtained*—Some posts will be filled up by promotion of existing cadres under the Agricultural Engineer and rest will be filled by recruitment Ex soldiers from technical units e.g., engineers mechanical etc and labour released from war factories on cessation of hostilities would be useful for filling some of the posts
- 9 *Rough estimates of cost at existing rates for each year of the first Five Year Plan*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	
(a) Capital						
(b) Recurrent	9 000	17 800	26 900	77 000	28 600	1 10 000
Total	9 000	17 800	26 900	77 000	28 600	1 10 000

10 *To what extent is the scheme productive and/or cost recoverable*—It is directly productive and the cost proposed is not recoverable

11 *Nature of materials machinery etc needed from—*

- (a) *Abroad*—Nil  
 (b) *Locally*—Office furniture

12 *Any other remarks or information*—The scheme has been approved in principle and the Director of Agriculture has been asked to approach Government for the creation of posts in the scheme as and when required furnishing complete details

# SCHEME No 24.

Department—Agricultural

Scheme—Revival of the Boring section

Brief description of the scheme—It is proposed to provide adequate staff, equipment contingencies etc on the basis of the provision of two boring machines, power and one handmachine, per district at the end of a 5 year period

Areas selected for application—Whole Province

Other Departments to be consulted—

(a) Revenue Department in regard to receipt of applications from cultivators and for assistance in recoveries of dues for such work

(b) Co operative Department in regard to possibility of organisation of co operative societies, to facilitate concentration of boring work in various areas and to encourage the use of power plants for agricultural purposes on a co operative basis where conditions may be favourable for such development

(c) Military Departments in regard to staff requirement etc, recruitment of military personnel suitable for employment with or without preliminary training as boring operators

Upper staff for planning and/or execution of the scheme—

	1st year	2nd year	3rd year	4th year	5th year	Total
Class II—B A S	1					1
Senior or Technical staff—						
1 Boring Assistants (100—5—200)	2	2	1	1		6

Lower staff for planning and/or execution of the scheme—

	1st year	2nd year	3rd year	4th year	5th year	Total
Boring operators (60—4—100)	16	13	9	4		42
Boring mates	7	7	5	2		21
Clerical and Office staff—						
1 Senior clerk	1					2
1 Junior clerk	3	2	1	1		7
1 Peons	4	3	1	1		9
Miscellaneous—						
1 Blacksmith (60—4—100)	1					1
1 Hammerman (30—1—50)	1					1
1 Carpenter (60—4—100)	1					1

How the staff to be obtained—By promotion within the existing cadres under Agricultural Engineer in some cases and the rest by direct recruitment. Many of them will be suitable for ex soldiers from technical units on the cessation of hostilities

Rough estimates of cost at existing rates for each year of the first Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	60 000	50 000	25 000	20 000		1,55 000
Recurring	58 000	1 08 000	1 41 000	1 60 000	1 63 000	6 30 000
Total	1 18 000	1 58 000	1 66 000	1 80 000	1 63 000	7 85 000

10 *To what extent the scheme is productive and/or cost recoverable*—A proportion of the cost is recoverable dependent upon the charges levied by Government. A very rough estimate the recoveries may be put down at 20 per cent of total expenditure.

11 *Nature of materials, machinery, etc needed from—*

(a) *Abroad*—Boring accessories and spares for Calver machines and equipment

(b) *Locally*—Musto Patent Boring machines and other boring equipment, workshop tools, office furniture and equipment etc

12 *Any other remarks or information*—Nil

## SCHEME No 25.

*Department*—Agricultural

*Scheme*—Research work in urgent problems connected with Agricultural engineering

*Brief description of the scheme*—Improvement of agricultural implements

*Areas selected for application*—The work will be confined to the headquarters of the Agricultural Engineer to Government, but the effects, results, etc., of the work will be valuable over the whole Province

*Other Departments concerned*—Nil

*Upper staff for planning and execution of the scheme*—One class II B A S

*Lower staff for planning and or execution of the scheme*—

A—(a) Senior Mechanic (Rs 90—1—130)

(b) Junior Mechanic (Rs 30—2—60)

B—(a) Junior clerk

(b) Peons

*How staff to be obtained*—Some by promotion within the existing cadres under the Agricultural Engineer and the rest by direct recruitment. Some of the released officers who are technically trained may be useful for the above works

*Rough estimates of cost at existing rates for each year of the First Five Year plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	6 500					6 500
(b) Recurring	6 500	6 700	6 900	7 100	7 300	34 500
<b>Total</b>	<b>13 000</b>	<b>6 700</b>	<b>6 900</b>	<b>7 100</b>	<b>7 300</b>	<b>41 000</b>

10 *To what extent is the scheme productive and or cost recoverable*—The scheme is not directly productive and the cost is not recoverable

11 *Nature of material machinery etc needed from*—

(a) *Abroad*—Welding apparatus and dynamo meter

(b) *Locally*—Foundry shed and foundry equipment

12 *Any other remarks or information*—The scheme has been approved in principle and the Director has been asked to furnish particulars regarding the expenditure involved and the number of existing posts (technical clerical and inferior) at the headquarters of the Agricultural Engineer to Government

# SCHEME No 26.

1 Department—Revenue

2 Scheme—Extension of the Bombay Agricultural Debtors Relief Act 19

3 Brief description of the scheme—The Act is at present in operation in talukas and put in the Broach and Panch Mahals, Surat, Thana, West Khandesh, Poona, Sholapur, Bijapur and Dhule districts. It is proposed to extend it to the whole Province in stages. As a first stage of extension it is proposed to bring into force in 76 talukas and pethas. This will be done in the current year.

4 Areas selected for application—

5 Other Departments concerned—Home, Finance and Cooperative

6 Upper staff for planning and/or execution of the scheme—1 Special Officer to supervise the working of the Debt Adjustment Boards.

About 120 Chairmen of Debt Adjustment Boards

7 Lower staff for planning and/or execution of the scheme—About 120 Clerks, 480 Junior Clerks, 240 Bailiffs, 240 peons and 120 watchmen.

8 How staff to be obtained—The Special Officer will be recruited by nomination. The Chairmen of the Boards will be selected from practising pleaders through the Public Service Commission.

The lower staff will be selected by deputation from the Judicial Department and from the ranks of Defence Forces.

9 Rough estimates of cost at existing rates for each year of the first Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) Capital	17 00					17
(b) Recurring	3 11 348	3 11 358	3 48 932	3 36 672	3 53 216	16 41
Total	3 28 588	3 11 498	3 48 932	3 36 672	3 53 216	16 58

The cost shown is for the Special Officer for supervision and for 43 Debt Adjustment Boards. Government has decided to establish in the current year. When the Act is extended throughout the Province the cost will approximately increase by 250 per cent.

10 To what extent is the scheme productive and/or cost recoverable—  
productive Cost not recoverable

11 Nature of material, machinery, etc., needed from—

(a) abroad—Nil

(b) locally—Nil

12 Any other remarks or information—

## SCHEME No 27.

*Department* — Co operative

*Scheme* — Cooperative organisations for financing areas where Debt Relief has been introduced

*Brief description of the scheme* — With the extension of the Bombay Agricultural Debtors Relief Act to the greater part of the Province the question at the agency which will supply crop finance to the agriculturists will come to the front. It has been tentatively agreed by Government that this finance should be provided through the cooperative societies and that for this purpose more cooperative credit societies should be organised and the membership of the existing societies increased.

It is also proposed to organise cooperative sale societies with a view to link up credit for crop finance with marketing of agricultural produce.

With a view to enable the societies to make finance available to agriculturists at a rate not exceeding 6½ per cent it is proposed that Government should bear the entire cost on account of supervision with a view to relieve cooperative societies of the incidence of supervision fees and Central Banks of their contribution towards the scheme of supervision. The annual contribution on this account works out roughly at Rs 1 45 000. Accordingly the total cost for five years would amount to Rs 7,25 000.

4 *Areas selected for application* — Whole of the Province

5 *Other Departments to be consulted* — Revenue Department

6 <i>Upper staff for planning and execution of the scheme</i>	} The details of the staff both upper and lower has not yet been settled
7 <i>Lower staff for planning and execution of the scheme</i>	

8 *How staff to be obtained* — Promotion and recruitment from outside

9 *Rough estimates of cost at existing rates for each year of the first five years* —

(a) Capital	} It is not possible to furnish the estimates of the cost involved in the scheme as the details of the staff required for its execution have yet to be settled
(b) Recurring	

10 *To what extent is the scheme productive and/or cost recoverable* —  
[on productivity]

11 *Nature of materials machinery etc , needed from* —

(a) abroad	} Nil
(b) locally	

12 *Any other remarks or information* —



## SCHEME No. 28

- 1 *Department*—Civil Veterinary
- 2 *Scheme*—Assumption of full control of Veterinary Dispensaries Government
- 3 *Brief description of scheme*—At present District Local Boards maintain Veterinary Dispensaries with financial assistance from Government. This includes grants in aid and free services of Veterinary Officers. Maintenance of Veterinary Dispensaries is not in obligatory function of local bodies and expenditure depends on the financial position and other local factors. This is holly progress and this can only be overcome if Government assumes full control.
- 4 *Areas selected for application*—Province as a whole
- 5 *Other Departments to be consulted*—
- 6 *Upper staff for planning and/or execution of scheme*—
- 7 *Lower staff for planning and/or execution of scheme*—
- 8 *How staff to be obtained*—
- 9 *Rough estimate of cost at existing rates for each year of the first five plan*—

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	Rs.	Rs.	P.	P.	P.
(a) Capital				Ad		
(b) Recurring	1 43 000	1 51 000	1 59 000	1 67 000	1 75 000	7 95 000
Total	1 43 000	1 51 000	1 59 000	1 67 000	1 75 000	7 95 000

- 10 *To what extent is the scheme productive and/or cost recoverable*—  
productive
- 11 *Nature of materials machinery etc needed from*—
  - (a) *Abroad*—
  - (b) *Local*—
- 12 *Any other remarks or information*—The details of this scheme have yet been finally approved by Government

## SCHEME No 29.

*Department — Civil Veterinary*

2. *Scheme — Expansion of Supervising staff*

3. *pen*  
*to be*  
 4 the Assistant Director and 3 Divisional Veterinary Officers to control and supervise the dispensaries and the work of Veterinary Assistant Surgeons. It is, therefore, proposed to increase the supervisory staff by three officers of Class I of the Bombay Veterinary Service and 7 officers of Class II of that service

4 *Areas selected for application —*

5 *Other Departments concerned —*

6 *Upper staff for planning and/or execution of the scheme —*

3 Officers of Class I of the Bombay Veterinary Service

7 Officers of Class II of the Bombay Veterinary Service

7 *Lower staff for planning and/or execution of the scheme —*

3 Head Clerks on Rs 90—5—105

3 Clerks on Rs 60—5/2—75

21 Clerks on Rs 25—5/2—55

33 Peons on Rs 14 per mensem each

8 *How staff to be obtained —* By direct recruitment for Class I and by direct recruitment and promotion for Class I. Clerical staff by promotion and recruitment of new hands

9 *Rough estimates of cost at existing rates for each year of the First Five Year in —*

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	P.	P.
) Capital	3 000	1 000	1 000	1 500		6 500
) Recurring	32 672	43 460	56 548	74,796	78 644	2 86,120
Total	35 672	44 460	57 548	76 296	78 644	2 82,620

10 *To what extent is the scheme production and/or cost recoverable —* Non productive Cost not recoverable

11 *Nature of material, machinery etc needed from —*

(a) *Abroad —* Nil

(b) *Locally —*

12 *Any other remarks or information —*

# SCHEME No. 30

1 *Department*—Civil Veterinary

2 *Scheme*—Expansion of Investigation staff and establishment of Animal Husbandry Research Station

3 *Brief description of scheme*—Investigation staff now consists of one Disease Investigation Officer and one Assistant Disease Investigation Officer for Poultry and is subsidised by the Imperial Council of Agricultural Research. One Assistant Disease Investigation Officer has been asked for Sheep and goat diseases and it is proposed to have one more for cattle diseases, one Nutrition Officer and one Geneticist. The staff would be based on the proposed research stations which would also act as centres for the training of students in animal husbandry.

4 *Areas selected for application*—Province as a whole

5 *Other Departments to be consulted*—

6 *Upper staff for planning and/or execution of scheme*—3 Class I Officers

7 *Lower staff for planning and/or execution of scheme*—Laboratory Assistants, Field Assistants, clerks and peons

8 *How staff to be obtained*—By direct recruitment as available

9 *Rough estimate of cost at existing rates for each year of the first five year plan*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	P.	Rs	Rs	Rs	P.
(a) Capital	1,50,000					1,50,000
(b) Recurring	42,772	44,092	46,972	48,112	49,912	2,31,860
<b>Total</b>	<b>1,92,772</b>	<b>44,092</b>	<b>46,972</b>	<b>48,112</b>	<b>49,912</b>	<b>2,31,860</b>

10 *To what extent is the scheme productive and/or cost recoverable*—Non-productive. Cost not recoverable.

11 *Nature of materials, machinery etc., needed from*—

(a) *Abroad*—Apparatus and equipment

(b) *Locally*—Apparatus and equipment

12 *Any other remarks or information*—One of the three posts in Class I is to be filled by the conversion of the existing post of Disease Investigation Officer Rs 350—25—600 into a post in that class.

# SCHEME No 31

1 *Department*—Civil Veterinary

2 *Scheme*—Manufacture of Sera and Vaccines in the Province

3 *Brief description of scheme*—Combined with introduction of legislation for control of contagious diseases of animals this is essential in order to obtain fresh sera and vaccines in the shortest possible time. Delays in receipts of sera and vaccines and early issue could be avoided if we manufacture our own

4 *Areas selected for application*—Province as a whole

5 *Other Departments to be consulted*—

6 *Upper staff for planning and/or execution of scheme*—

1 Class I officer (Pay Rs 300—20—420—E B—30—660—E B—10—900)

7 *Lower staff for planning and/or execution of scheme*—

5 Veterinary Assistant Surgeons

3 Clerks

2 Laboratory Assistants

5 Laboratory Attendants

8 *How staff to be obtained*—By promotion for upper staff and by training at the Bombay Veterinary College

9 *Rough estimate of cost at existing rates for each year of the first five year plan*—

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	2 50 000					2 50 000
Recurring	51 520	52 180	52 900	53 440	54 250	2 64 200
Total	3 01 520	52 180	52 900	53 440	54 250	3 14 200

10 *To what extent is the scheme productive and/or recoverable*—Not productive but not recoverable

11 *Nature of materials, machinery, etc., needed from*—

(a) *Abroad*—Apparatus and equipment

(b) *Locally*—Apparatus and equipment

12 *Any other remarks or information*—

## SCHEME No 32

1 Department — Medical

2 Scheme — Establishment of a Medical College at Poona

3 Brief description of the scheme — In order to improve the standard of medical education and to make registrable only one allopathic qualification which would be a University Degree, viz M B B S, it is proposed to convert the B J Medical School at Poona into a Medical College

4 Areas selected for application — All areas of the Province

5 Other Departments concerned —

6 Upper Staff for planning and/or execution of the scheme—

• — Teaching Staff

7 Professors

■ Full time B M S Class I Officers

1 Part time Officer on Rs 100 per mensem

14 Lecturers

6 Full time B M S Class II Officers

■ Part time Officers on Rs 100 per mensem

3 On lecture basis

5 First Assistants

2 For Medicine	} Each at Rs 250 per mensem
2 For Surgery	
1 For Midwifery	

8 Demonstrators at Rs 150 per mensem

1 Clinical Assistant on Rs 50 per mensem

5 House Surgeons on Rs 50

2 House Physicians on Rs 50 per mensem

1 Resident Anaesthetist on Rs 75 per mensem

Other Staff

1 Head Clerk and Accountant on Rs 130—5—175

3 Clerks

1 in the grade of Rs 80—5/2—95

2 in the grade of Rs 25—5/2—55

1 Artist on Rs 48 per mensem

4 Laboratory Assistants on Rs 60 per mensem

1 Physical Instructor on P 15—5—115—5—145—6—175

7 Lower Staff for planning and/or execution of the scheme — 18 Inferior servants on Rs 15 each

8. *How staff to be obtained.—*

9 *Rough estimate of cost at existing rates for each year of the first Five-Year Plan—*

—	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	Rs 3,99,600					3,99,600
(b) Recurring	Rs 80,774	80,774	80,774	80,774	80,774	4,03,870
Total	4,80,374	80,774	80,774	80,774	80,774	8,03,470

	Rs
* (i) Buildings for the College	2,62,600
(ii) Building for the Teaching staff	1,00,000
(iii) Equipment	37,000

†This figure represents net additional annual recurring expenditure on the proposed college arrived at as follows—Rs 1,74,282 (staff and contingencies)—Rs 80,000 (fees)—Rs 43,508 (present expenditure on the school)

10 *To what extent is the scheme productive and/or cost recoverable —*The receipts from fees are estimated to be Rs 50,000 per annum. The amount has been taken into account in working out the net additional recurring expenditure

11. *Nature of material, machinery, etc, needed from—*

(a) *abroad.—*

(b) *locally.—*

12. *Any other remarks or information —*

## SCHEME No. 33.

1. *Department* —Medical

2. *Scheme* —Establishment of a Medical College at Ahmedabad

3. *Brief description of the scheme* —In order to improve the standard of medical education and to make registrable only one allopathic qualification which would be a University degree, viz, M B B S, it is proposed to convert the B J Medical School at Ahmedabad into a Medical College

4. *Areas selected for application* —All areas in the Province

5. *Other Departments concerned* —

6. *Upper staff for planning and/or execution of the scheme* —

### *Teaching staff*

7. *Professors*—

(6 full time Bombay Medical Service Class I Officers on Rs. 330—25—41  
30—550—E B—585—35—760—E B—805—45—850)

1 Part time officer on Rs 100 per mensem

14. *Lecturers*—

6 full time Bombay Medical Service Class II Officers on Rs 200—40/—  
240—E B—40/3—320—E B—40/3—400

1 Part time officers on Rs 100 per mensem

3 on lecture basis

5. *First Assistants* —

2 for Surgery	} each on Rs 250 per mensem
2 for Medicine	
1 for Midwifery	

12. *Demonstrators* on Rs 150 per mensem

1 Clinical Assistant on Rs 50 per mensem

8 House Surgeons on Rs 50 per mensem

3 House Physicians on Rs 50 per mensem

1 Resident Anaesthetist on Rs 75 per mensem

### *Other staff*

1 Head clerk and Accountant on Rs 130—5—175

4. *Clerks*—

1 in the grade of Rs 80—5/2—95

2 in the grade of Rs 25—5/2—55

1 Artist on Rs 35—60 per mensem

5 Laboratory Assistants (exact details of pay are being worked out)

1 Physical Instructor—Rs 45—5—115—5—145—6—175

7. *Lower staff for planning and/or execution of the scheme* —

20 Inferior servants (exact details of pay are being worked out)

8. *How staff to be obtained* —The teaching staff will be recruited by inviting applications through advertisement the discharged army personnel if found





## SCHEME No. 35.

1 Department —Medical

2 Scheme —Increase in the number of beds at the District Headquarter hospitals

3 Brief description of the scheme —In order to improve District Headquarter hospitals so that people in the Districts may be able to get all ordinary treatment at their homes and pressure on certain big hospitals at Poona and Bombay may be relieved, it is proposed to increase the number of beds in six hospitals in "concentrated areas" and in eight hospitals in other parts of the Province so that each hospital should have a minimum of 75 beds

4 Areas selected for application —All Parts of the Province including the concentrated areas

5 Other Departments concerned —

6 Upper staff for planning and/or execution of the scheme —The details of staff are being fixed

7 Lower staff for planning and/or execution of the scheme —The details of staff are being fixed

8 How staff to be obtained —To be recruited by advertisement preference being given to those who have served in the Military Department

9 Rough estimate of cost at existing rates for each year of the first five year plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs.	Rs
a) Capital	*8,52,000					†8,52,500
b) Recurring	1,47,164	1 47,164	1 47,164	1,47,164	1,47,164	†7,35,820
Total	9,99 664	1 47,164	1,47,164	1,47,164	1,47,164	15,88,320

\*For extension of buildings and equipment

†These figures represent non recurring and recurring expenditure required for the extension of six hospitals in concentrated areas only which is to be done during the first five years of the Programme

10 To what extent is the scheme productive and/or cost recoverable —

11 Nature of material, machinery, etc., needed from—

(a) Abroad —

(b) Locally —Hospital equipment will be obtained from Military hospitals after the war as far as possible

12 Any other remarks or information —Part II of this scheme regarding the extension of 8 District Headquarter hospitals in "other Parts of the Province" other than concentrated areas is to be put into execution during the 2nd period of the Programme. For this part non recurring and recurring expenditure at Rs 1,87,707

## SCHEME No 34

1 *Department*—Medical2 *Section*—Appointment of medical practitioners of higher qualifications  
District Headquarter Hospitals

3 *Brief description of the scheme*—With a view to providing greater facilities for medical treatment to the public at the District Headquarter Hospitals in mofussil it is proposed to appoint medical practitioners of higher qualifications to these hospitals in an honorary capacity. The medical practitioners will be appointed as Honorary Surgeons or Physicians on a part time basis on an honorarium of Rs 150 per mensem. It is expected that the honorarium proposed will attract medical practitioners of higher qualifications to settle in mofussil towns. Their services will be particularly needed when the Civil Surgeon is away on tour or on short leave.

4 *Areas selected for application*—All areas in the mofussil5 *Other Departments concerned*—6 *Upper staff for planning and/or execution of the scheme*—

15 Honorary Physicians on Rs 150 per mensem each

15 Honorary Surgeons on an honorarium of Rs 150 per mensem each

7 *Lower staff for planning and/or execution of the scheme*—

8 *How staff to be obtained*—The personnel required for the scheme is recruited from the medical profession by advertisement preference being given to demobilised persons with approved war service.

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan*—

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	*54 000	54 000	54 000	54 000	54 000	2 70 000
Total	54 000	54 000	54 000	54 000	54 000	2 70 000

\*15 Honorary Physicians on an honorarium of Rs 150 per mensem each

15 Honorary Surgeons on an honorarium of Rs 150 per mensem each

10 *To what extent is the scheme productive and/or cost recoverable*—11 *Nature of material machinery, etc., needed from—*(a) *Abroad*—(b) *Locally*—

12 *Any other remarks or information*—The scheme is to be put into execution during the first five years of the fifteen years of the Post War Reconstruction Programme.

## SCHEME No. 35.

1 *Department* —Medical

2 *Scheme* —Increase in the number of beds at the District Headquarter Hospitals

3 *Brief description of the scheme* —In order to improve District Headquarter hospitals so that people in the Districts may be able to get all ordinary treatment near their homes and pressure on certain big hospitals at Poona and Bombay may ease, it is proposed to increase the number of beds in six hospitals in "concentrated areas" and in eight hospitals in other parts of the Province so that each hospital should have a minimum of 75 beds

4 *Areas selected for application* —All Parts of the Province including the concentrated areas

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —The details of staff are being fixed

7 *Lower staff for planning and/or execution of the scheme* —The details of staff are being fixed

8 *How staff to be obtained* —To be recruited by advertisement preference being given to those who have served in the Military Department

9 *Rough estimate of cost at existing rates for each year of the first five year plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*8,52,500					†8,52,500
(b) Recurring	1,47,164	1,47,164	1,47,164	1,47,164	1,47,164	†7,35,820
Total	9,99,664	1,47,164	1,47,164	1,47,164	1,47,164	15,88,320

\*For extension of buildings and equipment

†These figures represent non recurring and recurring expenditure required for the extension of six hospitals in concentrated areas only which is to be done during the first five years of the Programme

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material, machinery, etc., needed from*—

(a) *Abroad* —

(b) *Locally* —Hospital equipment will be obtained from Military hospitals after the war as far as possible

12 *Any other remarks or information* —Part II of this scheme regarding the extension of 8 District Headquarter hospitals in "other Parts of the Province other than the concentrated areas" is to be put into execution during the 2nd period of five years of the Post-war Reconstruction Programme. For this part non recurring expenditure is estimated at Rs 7,64,000 and recurring expenditure at Rs 1,87,707

## SCHEME No 26

1 *Department*—Medical

2 *Scheme*—Creation of a cadre of Technicians for X ray and Laboratory

3 *Brief description of the scheme*—At present Laboratory and X ray work in Government Hospitals and other institutions is done by untrained persons. In United Kingdom this work is done by trained technicians. It is proposed to create a cadre of 100 such Technicians—70 Laboratory and 30 X ray Technicians. Graduates in Science will be selected for this purpose and given training at Government expense. A stipend of Rs. 50 will be given to the candidates during the period of training which will extend to 9 months.

4 *Areas selected for application*—All areas

5 *Other Departments concerned*—

6 *Upper staff for planning and/or execution of the scheme*—Honorary As Radiologist on Rs. 85 per month for a period of 9 months

11 Head Technicians on Rs. 120—8—200

60 Technicians on Rs. 75—5—120

100 Science graduates will be given a stipend of Rs. 50 per mensem during the period of training.

7 *Lower staff for planning and/or execution of the scheme*—

8 *How staff to be obtained*—To be recruited by advertisement preference given to those who have served in the Military Department

9 *Rough estimate of cost at existing rates for each year of the First Five Plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*33 000	20 000†	10 000‡	10 000§	Nil	83 000
(b) Recurring	16 816	27 423	25 128	29 9-3	33 025	1,32,795
Total						2 00,000

\*For Short-wave Therapy apparatus (Rs. 20 000) plus 2 X ray sets (Rs. 10 000) plus laboratory equipment (Rs. 18,000)

†For 2 X ray sets (Rs. 10 000) plus laboratory equipment (Rs. 10 000)

‡For one X ray set (Rs. 5 000) plus laboratory equipment (Rs. 5 000)

§For one X ray set (Rs. 5 000) plus laboratory equipment (Rs. 5 000)

\*\*This is intended for expenditure on account of training pay allowances etc of 101 technicians and 60 technicians.

10 *To what extent is the scheme productive and/or cost recoverable*—

11 *Nature of material machinery, etc needed from*

(a) *abroad—*

(b) *locally—*

12 *Any other remarks or information* —Laboratory Technicians will be trained at the Haffkine Institute, Bombay, and X ray Technicians at the J J Hospital, Bombay. The stipendiary students will be required to sign a bond to serve Government for a period of at least five years after training or else to refund to Government sum of Rs 600 on account of tuition fees and stipend received.

24 more technicians will be trained during the first and second years of the second period of five years of the Post war Reconstruction Programme.

## SCHEME No 37.

1 *Department*—Medical2 *Scheme*—Ambulance Service to Central Hospitals

3 *Brief description of the scheme*—As a measure of rural medical relief proposed to place at the disposal of each District Headquarter Hospital an Ambulance car for bringing serious cases from the interior of the District to the Hospital. There are 18 Headquarter Hospitals and 18 Ambulance cars are to be provided.

4 *Areas selected for application*—All areas in the mofussil5 *Other Departments concerned*—6 *Upper staff for planning and/or execution of the scheme*—

7 *Lower staff for execution of the scheme*—18 drivers at Rs 40 per mensem plus free quarters

8 *How staff to be obtained*—The drivers required for the cars are to be obtained from demobilised personnel

9 *Rough estimate of costs at existing rates for each year of the First Five Year Plan*—

	1st year	2nd year	3rd year	4th year	5th year	
	Rs	Rs	Rs	Rs	Rs	
(a) Capital	Rs 17,000					1
(b) Recurring	26 640	26 640	26 640	26 640	26 640	1
Total	1 34 140	26 640	26 640	26 640	26 640	2

\*18 Ambulances at Rs 5 000 each and 15 garages at Rs 2 500 each

†18 drivers at Rs 40 per mensem each plus free quarters. Petrol upkeep etc at the rate of Rs 1 000 per car

10 *To what extent is the scheme productive and/or cost recoverable*—11 *Nature of material, machinery etc, needed from—*(a) *Abroad*—

(b) *Locally*—The Ambulance cars are to be obtained from the Army during the war

12 *Any other remarks or information*—The Ambulance cars as well as the drivers are to be obtained from the Army Department through the Government

## SCHEME No. 38.

*Department — Medical*

*Scheme — Conversion of dispensaries into cottage hospitals*

*Brief description of the scheme* — With a view to improving the medical facilities in rural areas, it is proposed to convert 33 dispensaries into cottage hospitals so that the existing five such cottage hospitals there will be at least two cottage hospitals in each of the 19 districts of the Province. These cottage hospitals will provide a coordinating link between subsidised Medical Practitioners on one hand and the District Headquarter Hospitals at the other. 17 cottage hospitals are to be opened in districts of the Province other than the concentrated areas—4 in the first year, 4 in the second year and 3 in each of the three subsequent years of the first period of years of the Fifteen Years Post war Reconstruction Programme.

*Areas selected for application* — All areas of the Province other than the concentrated areas.

*Other Departments concerned* —

*Upper staff for planning and/or execution of the scheme* — 17 Bombay Medical Service Class II Officers on Rs 200—40/3—400 (Probationers Rs 150 for the first year and Rs 180 for the second year) plus H R A at Rs 25 per mensem.  
17 Subordinate Medical Service Officers on Rs 60—5—170 (Probationers Rs 50).  
34 Nurses in the scale of Rs 30—3—39 plus Rs 15 per mensem ration allowance and Rs 2 8 0 per mensem uniform allowance.  
34 Compounders on Rs 25—5/2—70.

*Lower staff for planning and/or execution of the scheme* —

68 ward servants on Rs 15 per mensem each  
34 sweepers on Rs 15 per mensem each  
17 cooks on Rs 15 per mensem each

*How staff to be obtained* — To be recruited from outside sources by advertisement, preference being given to those who have served in the Military Department.

*Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	4 20 000	4 20 000	3,15 000	3,15 000	3 15 000	17,85 000
Recurring	31 600	63,200	86 900	1 10 600	1 34 300	*4 26,600
Total	4,51 600	4,83 200	4,01 900	4 25 600	4,49,300	22,11,600

For each cottage hospital buildings are estimated to cost Rs 1 00 000 and equipment at Rs 3 000. This is exclusive of the expenditure incurred on dispensaries at present. Note remark made below.

1. *To what extent is the scheme productive and/or cost recoverable* —

1. *Nature of material, machinery etc needed from* —

(a) *Abroad* —

(b) *Locally* — The hospital equipment will be obtained as far as possible from military hospitals after the War.

2. *Any other remarks or information* — The dispensaries of local bodies are to be selected for conversion into cottage hospitals but these cottage hospitals will be directly controlled by Government and for that purpose an amount equal to the expenditure incurred at present on the dispensaries concerned by the local bodies will be recovered from them.

# SCHEME No 39.

1 Department —Medical

2 Scheme —Subsidised Medical Practitioners

3 *Brief description of the scheme* —In order to improve the medical facilities in rural areas Government has already sanctioned the opening of 330 sub-Medical Practitioners' Centres. The system has worked so well that it is proposed to open 53 such centres in the parts of the Province other than concentrated (37 Allopathic and 16 Ayurvedic and Unani) when more doctors become available after the war.

4 *Areas selected for application* —All parts of the Province other than concentrated areas.

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —Expense per centre —

(A) 37 Allopathic Practitioners—

(i) Honorarium	Rs 75 per mensem
(ii) Travelling allowance (fixed)	Rs 25 per mensem
(iii) Grant for Medicine and instruments	Rs 150 per annum
(iv) Contingencies	Rs 5 per mensem
(v) Rent for each dispensary	Rs 180 per annum

(B) 16 Ayurvedic and Unani Practitioners—

(i) Honorarium	Rs 50 per mensem
(ii) Travelling allowance (fixed)	Rs 15 per mensem
(iii) Grant for Medicines	Rs 250 per annum
(iv) Contingencies	Rs 5 per mensem
(v) Rent for each dispensary	Rs 180 per annum

7 *Lower staff for planning and/or execution of the scheme* —Nil

involvement required for  
who have served

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) Capital	20 200	39 130	46,170	73 210	59 950	
(b) Recurring						

Total

\*2 8060

\*Vide remarks made below



10 To what extent is the scheme productive and/or cost recoverable —

11 Nature of material, machinery, etc., needed from —

(a) Abroad —

(b) Locally —

Any other remarks or information — The scheme is to be carried out during second period of five years of the Post War Reconstruction Programme as shown below —

	Allopathic	Ayurvedic and Unani
1st year	8	4
2nd year	8	3
3rd year	7	3
4th year	7	3
5th year	7	3

# **SCHEME No 40**

1 Department—Medical

2 Scheme—Appointment of Nurse midwives

3 Brief description of the scheme—The need for trained nursing and assistance for midwifery cases especially in rural areas is universally recognised. With a view to meet this need it is proposed to appoint 26 Nurse midwives in rural areas. The appointments are to be spread over a period of five years as follows—

1st year	6 Nurses
2nd year	5 Nurses
3rd year	5 Nurses
4th year	5 Nurses
5th year	5 Nurses

4 Areas selected for application—All areas of the Province other than concentrated areas

5 Other Departments concerned—

6 Upper staff for planning and/or execution of the scheme—26 Nurse midwives on a pay of Rs 40 plus house rent allowance of Rs 10 per mensem each

7 Lower staff for planning and/or execution of the scheme—

8 How staff to be obtained—To be recruited from outside sources after advertisement, preference being given to those who have served in the Military Department

9 Rough estimate of cost at existing rates for each year of the First Five-Year Plan

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	3 600	6 600	9 600	12 600	15 600	48 000
Total	3 600	6 600	9 600	12 600	15 600	48 000

\* See remarks below

10 To what extent is the scheme productive and/or cost recoverable—

11 Nature of material machinery etc needed from

(a) abroad—

(b) locally—

filled owing to scarcity of nurses

—The scheme is to be carried out under the existing scheme are not yet be

# SCHEME No. 41.

- 1 Department—Educational
- 2 Scheme—Strengthening of the Inspecting staff
- 3 Brief description of the scheme—It is proposed to create 85 (70 men's and 15 women's) additional posts of Assistant Deputy Educational Inspectors for the whole Province. These posts will be in addition to the 105 posts which it is proposed to create under scheme No 92-A
- 4 Areas selected for application—Districts in the concentrated areas and other Districts
- 5 Other Departments concerned—Nil
- 6 Upper staff for planning and/or execution of the scheme—  
For planning—Nil  
For execution—(i) 70 trained graduates (men) in the scale of Rs 45—5—115—Efficiency Bar—5—145—Efficiency Bar—6—175 each.  
(ii) 15 trained graduates (women) in the scale of Rs 35—5—115—Efficiency Bar—5—145—Efficiency Bar—6—175 each
- 7 Lower staff for planning and/or execution of the scheme—  
For planning—Nil  
For execution—75 peons on Rs 14 per mensem each  
10 peons on Rs 17 per mensem each
- 8 How staff to be obtained—  
Upper staff—By transfer from Government schools or recruitment  
Lower staff—By recruitment as far as possible from returned soldiers

9 Rough estimate of cost at existing rates for each year of the First Five-Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	*Nil	*Nil	*Nil	*Nil	*Nil	*Nil
(b) Recurrent	*Nil	*Nil	*Nil	*Nil	*Nil	*Nil
Total	*Nil	*Nil	*Nil	*Nil	*Nil	*Nil

\*Please see item 12 below

- 10 To what extent is the scheme productive and/or cost recoverable—....
- 11 Nature of material machinery etc needed from—  
(a) Abroad—..  
(b) Locally—Furniture costing Rs 500 is to be obtained locally.
- 12 Any other remarks or information—The existing inspecting staff is inadequate in numbers to exercise efficient and effective supervision over

schools in the Province. At present an Assistant Deputy Educational Inspector has to inspect about 75 schools. He cannot effectively supervise such a large number of schools with the result that the efficiency of the schools suffers. It is therefore proposed to create 190 posts of Assistant Deputy Educational Inspectors (80 under this scheme and 105 under scheme No. 105), so as to bring the ratio of inspectors to schools from 1 : 75 to the ideal ratio of 1 : 50. This scheme is to be implemented after the completion of scheme No. 105, that is to say, from the year after the termination of war. Figures of the cost of the scheme for the next five years have not, therefore, been given. The annual recurring cost of the scheme will be Rs. 1,78,100.

# SCHEME No 42

Department — Educational Department (Industries)

Scheme — Development of the Victoria Jubilee Technical Institute, Matunga

Brief description of the scheme — It is proposed to establish Degree Courses in Textile Manufacture at the V J T Institute, Matunga

(a) For Planning — Nil

(b) For Execution — The following staff to be entertained by the Institute —

Staff	Scale of pay
1) One Reader in Spinning	500—700
2) One Reader in Weaving	500—700
3) One Senior Lecturer in Textile Physics	300—25—500
4) One Lecturer in Textile Chemistry	170—10—350
5) One Lecturer in Textile Engineering	170—10—350
6) One Lecturer in Spinning	170—10—350
7) One Lecturer in Weaving	170—10—350
8) One Lecturer in Textile design	170—10—350
9) One Part time Lecturer in Economics	150 per mensem
10) One Part time Lecturer in German	50 per mensem
11) Two Instructors for Spinning and Weaving Laboratories	80—5—150
12) Six Operatives	40—2—50
13) Two Laboratory Attendants	50—5/2—75

How staff to be obtained — To be entertained by the Institute

Rough estimate of cost at existing rates for each year of the First Five Year Plan —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	<div>Buildings 10 000</div> <div>Plants 2 16,470</div> <div>2 26 470</div>					2 26 470
(b) Recurring	53 000	53 000	53 000	53 000	53 000	2 65 000
Total	2 79 470	53 000	53 000	53 000	53 000	4 91 470

D To what extent is the scheme productive and/or cost recoverable — The scheme is meant to provide adequate facilities for the training of technical men of Superintending and Executive grade required by the Cotton Textile Industry

1 Nature of material machinery, etc needed from —

(a) Abroad — Nil

(b) Locally — Nil

2 Any other remarks of information — Orders according administrative approval of the scheme are being issued. The question of sanctioning grants not exceeding 1 00 000 and Rs 31 000 towards the non recurring and recurring expenditure on the scheme to the V J T Institute will be considered by Government in due course, at the time when the scheme is

1 *Department*—Factory Department.

2 *Scheme*—Research into industrial diseases and hazardous occupations.

3 *Brief description of scheme*—Although the certifying Surgeon has been devoting some attention to the question of industrial diseases and hazardous occupations he has been unable to do much in this direction owing to the absence of the necessary facilities. A good deal of attention is paid to these subjects in England and other western countries and a beginning has been made as early as possible for setting up machinery for research in this Province. It is proposed that a Department of Industrial Medicine should be set up at the J J Hospital and a suitable Medical Officer should be appointed for research work and he should be provided with accommodation and necessary facilities and assistance for the research at the J J Hospital and the Health Institute. It would be necessary for the Medical Officer to be attached to the Factory Department for the purposes of his research. He would have to have close contact with the factories and it would be desirable to place the Inspector of Factories in a position of control over the officer so that problems which the Chief Inspector of Factories considers of particular importance are properly investigated. The machinery can be gradually developed for dealing with problems of industrial fatigue and psychology.

4 *Areas selected for application*—Bombay City in the first instance.

5 *Other Departments concerned*—Surgeon General with the Government Medical Department, Bombay.

6 *Upper staff for planning and/or execution of scheme*—Medical officer with some research experience.

7 *Lower staff for planning and/or execution of scheme*—A small staff will be required but it is difficult now to give an estimate of the staff that would be required as there is no previous experience on which to draw.

8 *How staff to be obtained*—Unless the Army Medical Service is in a position to supply a suitable officer the Medical Officer will have to be recruited locally in consultation with the Surgeon General. The work which the officer will do will be of a specialised nature and it may be advisable to send the officer to England or America for special training for a short period.

9 *Rough estimate of cost at existing rates for five years*—It is proposed that the Medical Officer should be given the Bombay Medical Service (Class I) scale of compensatory allowance in lieu of private practice. In the absence of previous experience it would be difficult to give an idea of the cost of equipment, etc., but it may be necessary but very roughly the total cost of the scheme in the first year may be put at Rs 15 000 to Rs 20 000 and for five years—Rs 1,00,000.

10 *To what extent is the scheme productive and/or cost recoverable*—Nil.

11 *Nature of materials, machinery, etc.*—(a) abroad, (b) locally in the J J Hospital.

12 *Any other remarks or information*—The scheme has not yet been approved by Government. It would be difficult, however, to give any particular type of research about this at this stage.

## **SCHEME No. 44**

### **ORGANISATION OF MOTOR TRANSPORT.**

With the prospect of extensive road development and the release of large numbers of motor vehicles and personnel from the military, it is expected that motor transport will grow considerably in volume in the post war years. It is proposed to rationalise the organisation of motor transport in the years after the war with a view to greater public convenience and co-ordination of road transport and other communications.

An attempt will be made to absorb in the transport services along with vehicles many of the demobilised military personnel as possible.

In the interest of greater punctuality, dependability and public convenience, the formation of larger units of operation in the passenger transport services will be encouraged in place of single owner drivers or smaller units. Efforts will be made to develop transport in neglected areas and to co-ordinate motor transport with other means of communication so as to be mutually complementary. Development will to some extent be dependent on the development of the road system.

It is not possible to foresee what changes would be necessary in the administrative organisation of the Motor Vehicles Department to achieve these objects. The requisite measures for its expansion and adaptation to these purposes will be taken from time to time as may appear necessary.

- 1 Department —Public Works Department
- 2 Schemes —Road Schemes
- 3 Brief Description of Scheme —Improvements of existing roads and cons<sup>n</sup> of new roads as under —

(1)	2 700	Miles	National Highways
(2)	5 600	,	Provincial Highways
(3)	6 000		Major District Roads
(4)	10 000	„	Minor District Roads
(5)	14 400		Village Roads

Total 38 700 Miles

4 Areas selected for application —Items (1) and (2) above in the Province

Items (3) and (4) 50 per cent of the expenditure\* in the first five year per be in the concentrated area comprising 40 per cent of the whole Province 4 per cent in the remaining area

Item (5) —75 per cent of the expenditure in the first 5 year period to be concentrated area and 25 per cent in the remaining area

5 Other Departments to be consulted —Revenue Department General Depar and Finance Department

6 Upper staff for planning and/or execution of the scheme  
7 Lower staff for planning and/or execution of the scheme  
8 How staff to be obtained

Vide statement B attached

9 Rough estimates of costs at existing rates for each year of the First Year Plan—

	1st year Rs in lakhs	2nd year Rs in lakhs	3rd year Rs in lakhs	4th year Rs in lakhs	5th year Rs in lakhs	T R lacs
(a) Capital—	293	293	293	293	294	1 4
(b) Recurring—						
(i) Works (excluding normal expenditure on pre war basis)—	Nil	6	12	18	24	6
Total Rs in lakhs	293	299	305	311	318	1
(ii) Establishment—	3 6	6 7	8 4	12 7	27 4	58

10 To what extent is the scheme productive and/or costs recoverable —Not di productive and no cost recoverable



11 Nature of materials, machinery etc, needed from—

- (a) Abroad }  
(b) Locally } *Vide statement A attached*

12 Any other remarks or information —The rough estimates of costs for each of the 2nd and the 3rd Five-Year periods are as under —

	2nd 5 year period (In lakhs of Rupees)	3rd 5 year period
(a) Capital	1467	1467
(b) Recurring	210	360
Total	1677	1827

The details regarding cost and staff are only tentative and have not yet been finally approved by Government

In accordance with the recommendations contained in the Proceedings of the Conference of Chief Engineers held at Nagpur and the instructions in the matter received from the Government of India the *Projects Estimates* for roads which are to be submitted to that Government by the 31st August 1944 are being prepared by the Project Organization (consisting of One Superintending Engineer and three Executive Engineers) created for the purpose. The detailed estimates for work to be done in the first two years after the war are to be submitted to the Government of India by the 31st December 1944. The Government of India have still to issue final orders in connection with several points, e.g. —

- (i) Final selection of the roads to be developed as National Highways and Trails
- (ii) Setting up of a Legal Committee
- (iii) Formation of an Indian Road Board (Central)
- (iv) Financing of road construction and maintenance, etc

# STATEMENT A

## SCHEMES NOS 15 AND 115

*Showing Machinery and Materials likely to be required for Post war Road Schemes 36 and 99 in the Bombay Province*

### MACHINERY

#### 1 Road Rollers—

Nos

Particulars

50 6 Ton Diesel Tandem Rollers

50 8 Ton Diesel Rollers

50 12 Ton Diesel Rollers

75 8 Ton Steam Road Rollers

75 12 Ton Steam Road Rollers

#### 2 Asphalt Baiters

Nos

150 Each of 350 gallons capacity

#### 3 Cement concrete mixers—

Nos

75 Of 7/10 capacity with Diesel Engines

25 Of 14/20 capacity with Diesel Engines

#### 4 Stone crushers—

Nos

20 21" x 12" size

15 16" x 9" size

10 Granulators

#### 5 Oil Engines—

Nos

50 Each of 30 B H P

50 Portable Oil Engines 10 B H P

#### 6 Pumps

Nos

50 Pumps 2" suction to be worked by oil Engines

#### 7 Motor Lorries

Nos

400 4 to 11 Ton Capacity

#### 8 Tractors and Graders—

Nos

25 Tractors with graders

### MATERIALS

	Quantity
1 Cement	50 lakh tons
2 Asphalt (30/40 Penetration)	3 "
3 Asphalt (80/100 Penetration)	1 , "
4 Steel (for Bridges)	30 000 tons
5 G I Pipes 1" to 2" size	1,000,000 Rft

*Note*—The information given in the above statement is only a rough indication of the requirements of materials and machinery so far as can be foreseen at present, as it is not possible to furnish full or more accurate information until a large number of detailed Road Project Estimates are actually prepared. This statement does not also take into account the materials available from local resources.

# STATEMENT B.

## SCHEMES NOS. 15 AND 115—ROADS (ESTABLISHMENT).

### Establishment engaged on Roads.

Item.	No and designation.	Scale Rs.
Upper Staff for planning and execution.	One Chief Engineer (also responsible for Irrigation Buildings and Public Health Schemes).	2,750—125—3,000
	Three Superintending Engineers.	1,750—100—2,150
	Seventeen Executive Engineers.	440—40—1,000
	Sixty-six Deputy Engineers.	250—20—750
Lower Staff for planning and execution.	Two hundred and sixty-six Overseers.	70—5—110—10—250
	Office Staff	.. As per units sanctioned in G. R. No. 6717/36 (1), dated 17th March 1944. Scales sanctioned in that Government Resolution for the various grades will be adopted.

### 3) How Staff to be obtained —

The technical staff will be obtained.—

(1) Partly by promotion from within the Department.

(2) Partly by recruitment from the market (through the P. S. C.) of men without War or Defence Force Services

(3) Partly by recruitment of men from the market or direct from the Defence Forces (through the P. S. C.) of men with War Service

The ratio between (2) and (3) will be fixed 50 50 for the time being

Notes—(1) Government has under consideration the question of increasing the rates of guaranteed

general.

3) No special measures of recruitment are necessary for the training of non technical services such as clerks, draftsmen, etc., excepting the training of sub-divisional clerks. The question of setting training classes for sub-divisional clerks is also under the consideration of Government

	1st year	2nd year	3rd year	4th year	5th year
Rough estimate of cost at the existing rates for each year of the first five years plan—					
Recurring	3 6	6 7	8 4	12 7	27 4

Notes—(1) The cost in the 3rd, 4th and 5th year excludes proportionate cost of one Chief Engineer debited to Irrigation, Buildings and Public Health Schemes

(2) The cost for the 1st and 2nd year excludes the proportionate cost of S.E., P.C. debited to the Buildings and Irrigation Schemes

(3) The cost in the 3rd, 4th and 5th year is exclusive of the proportionate cost of one Superintending Engineer debited to the Buildings Scheme.

1 *D partment* —Public Works Department

2 *Scheme* —Electric Grid

at low rates and (3) to bring the number of urban and rural population to interconnect the various existing electric power houses develop some stations (like Bhandandara and Bhitargar) both hydro and thermal. These stations will also be interconnected with existing ones. From amongst these ones those stations which are efficient will be retained as selected stations which are inefficient will be shut down and power will be supplied to them from selected stations to be tapped.

A number of engine stations are too far from any one of the interconnecting transmission lines will be replaced with Diesel Engine electric stations till the load is built up to justify their connection with one of the grid transmission lines. When this happens the engine stations can be moved to other towns for load building. Surveys will be carried out for hydro development, e.g. Randha falls and Kalina with a view to developing them as soon as circumstances justify their development.

4 *Area selected for application* —Gradually the whole Province

5 *Other Departments concerned* —General Department and Revenue Department concerning the Local Bodies and possible requisition of land and way leave.

6 *Upper staff for planning and/or execution of the scheme* —Please see Enclosure (I)

7 *Lower staff for planning and/or execution of the scheme* —Please see Enclosure (II)

8 *How staff to be obtained* —Gazetted staff through Public Service Commission

Non gazetted staff by public advertisement and/or by selection by the Officer from men already in Government Service

9 *Rough estimates of cost at existing rates for each year of the first 10 years plan* —

(a) Capital	} Please see statement attached Enclosure (I)
(b) Recurring	

10 *To what extent is the scheme productive and/or cost recoverable* —The scheme is expected to be self supporting in about 10 years time

11 *Nature of material, machinery, etc., needed from* —

(a) abroad	} Please see statement attached, Enclosure
(b) locally	

12 *Any other remarks or information* —The details of cost and staff are tentative and have not yet been finally approved by Government

## ENCLOSURE I

Number	Designation of post	Scale of pay
		Rs
(1) One	One Senior Engineer	2,500—125—3,000
(2) One	Hydro Engineer	1,500—50—1,750—100— 2,150
(3) One	Transmission Engineer	Do
(4) One	Diesel and Steam Engineer	Do
(5) One	Power Costing and Power Sales Engineer	Do
(6) One	Senior Assistant Engineer (Hydro)	540—40—700—50—1,200
(7) One	Senior Assistant Engineer (Trans mission)	Do
(8) One	Senior Assistant Engineer (Diesel and Steam)	Do
(9) One	Senior Assistant Engineer (Power Costing and Power Sales)	Do
(10) One	Junior Assistant Engineer (Power Costing and Power Sales)	250—20—750

*Note*—This is the minimum establishment for planning. Later on it is anticipated that considerable additional staff will be required for supervision of execution of the scheme and subsequent running and maintenance of the power houses and transmission and distribution system.

## ENCLOSURE II

Number	Description of post	Scale of pay
		Rs
Five	Technical Assistants	70—5—110—10—120 (Graduates to start Rs 120)
One	Head Draughtsman (Senior)	165—8—240
One	Draughtsman (Junior)	125—5/2—190
	<i>Clerical</i>	
One	Superintendent	275—20—375—30—450
Two	Senior Clerks	150—10—220
Five	Junior Clerks { Lower Grade { Higher Grade	50—5/2—90 95—5—140

(The proportion between the lower grade and the higher grade should be 3 : 2)

One	Stenographer	150—5—250
Five	Steno typists	75—5/2—90—5—140

### *Inferior Establishment*

One	Naik	27 per mensem
Two	Peons	23 per mensem each
Eleven	Peons	23 per mensem each
Two	Hamals	23 per mensem each

*Note*—This is the minimum establishment for planning. Later on it is anticipated that considerable additional staff will be necessary in connection with construction running and maintenance power houses transmission and distribution systems.

# ENCLOSURE III.

	First year	Second year	Third year	Fourth year.	Fifth year	Total
			Crores	Crores		Crores
	Rs	Rs	Rs	Rs	Rs	Rs
Cost of machinery plant and equipment and its erection as well as power house and sub station buildings)			1 60	2 40		4
Special Officer	48 000	48,000	48,000	48 000	48 000	
Gazetted Staff	1,30,950	1,36 950	1,43 040	1,49,100	1,55,100	
Non Gazetted staff	39,450	40,836	42,732	43,962	45,738	
Contribution towards contributory Provident Fund	10 212	10,676	11,173	11,628	12,118	
Allowances Honoraria including overseas pay	18 500	18,800	19 500	19 800	20 000	
Contingencies	7 100	7 100	7 100	7 100	7 100	
Total	2,54,612	2 62 302	2 70 845	2 78 500	2 86,916	
Estimated cost of additional establishment for planning and supervision of erection and maintenance work			2 22 845	2 30 530	2 38,916	
Cranial Total	2,54,612	2 62 302	4 93 690	5 09 030	5 25 832	

## ENCLOSURE IV

*List of Heat / Plant and Equipment likely to be required from abroad*

Item	Description	Quantity
1	<i>Generating Plant—</i> Hydro Electric Turbo Generator Sets 10 000 KW	3
2	<i>Tranformers—</i> From 50 KVA to 12 000 KVA (33 and 110 KV)	23
3	<i>Synchronous Condensers</i>	2
4	<i>Switchgears—</i> (a) Oil Circuit Breakers (b) Disconnecting switches (c) Fuses (d) Lightning Arresters	40 149 200 44
5	Diesel Oil Engine Alternator Sets (50 to 150 KW each)	15 to 20

*List of Equipment to be purchased in India*

1	11 KV Transformers	22
2	11 KV and L T Oil Circuit Breakers	100
3	Do Switchgear	
4	Copper Wire	
5	Poles	
6	Insulators	
7	Miscellaneous small items	



## SCHEME No. 47.

Department—Public Works Department

Scheme—Manufacture of Ammonia Sulphate

*Brief description of the scheme*—It is proposed to manufacture for the use of Province approximately 50 000 tons of Ammonia Sulphate per year. The Technical Mission (Fertilisers) from the United Kingdom are at present on a visit to this Province and their tentative idea is that if a factory is established in this Province it will be desirable that its capacity should be much greater than the above so that the factory can supply to this Province, Kathiawar and Sind in the British and Indian States within the geographical bounds of this Province and near the coast. The factory may therefore be easily of 100 000 tons per year capacity.

*Area selected for application*—The whole matter is under investigation by the Technical Mission and it is too early to give any details regarding the factory or even to say whether they will recommend establishment of a factory in this Province at all. If they do, it is likely to be located in Kalyan.

*Other Departments concerned*—Revenue Department

*Upper staff for planning and/or execution of the scheme*—Details are not available until the report of the Committee is available. It is expected, however, that twelve Technical Officers will be required.

*Lower staff for planning and/or execution of the scheme*—Details are not available until the report of the Committee is available. It is expected, however, that about 40 members of lower technical personnel, 400 semi-skilled and 400 unskilled men are likely to be required.

*How staff to be obtained*—The higher staff (2 or 3 men) may possibly be recruited and sent abroad for training. The other personnel will be recruited locally.

*Rough estimates of cost at existing rates for each year of the first five year plan*—

(a) *Capital*—If the factory is of the capacity of 50 000 tons the capital may be about one crore of rupees and the money is likely to be required commencing from about a year from now and ending about two years from now.

(b) *Recurring*—It is not possible to give this information till the report of the Committee is available.

(c) *To what extent is the scheme productive and, or cost recoverable*—Expected to be self-supporting in a few years.

(d) *Nature of material, machinery etc. needed from*—

(a) abroad

(b) locally

The Technical Mission has visited a number of Engineering works in Bombay with a view to decide on the parts of machinery which can be made locally. Exact information in this respect will be available when the Technical Mission submit their report to Government.

(e) *Any other remarks or information*—The details of this scheme have not yet been finally approved by Government.



---

## PARTICULAR AREA SCHEMES

---



**1 Department Agriculture**

**2 Scheme** — Application of groundnut cake manure to paddy irrigated wheat and irrigated jowar crops

**3 Brief description of the Scheme** It is proposed to apply groundnut cake manure to paddy crop under tank and canal irrigation and in low lying areas of the rice tract and to irrigated wheat and irrigated jowar crops mostly in the Deccan.

The areas under rice, irrigated wheat and irrigated rabi jowar in Bombay Province are 20 lakhs, 1½ lakhs and about 3 lakhs acres respectively

The application of cake manure to these three crops at the rate of 1 ton to 5 acres is observed to have increased the yield on an average by about 30 per cent. It is proposed to operate within a period of five years 2 to 1 lakhs paddy and 50 to 100 thousand acres of each of the two other crops

The price of groundnut cake will be controlled at Rs 70 per ton F.O.B. nearest railway station to the Oil Mills. The transport charges to the Depots by rail and/or by road is estimated at Rs 20 per ton. The total price of groundnut cake manure at the distributing depots, therefore, is estimated at Rs 90 per ton.

Government will give a subsidy on a sliding scale from Rs 30 in the first year to Rs 10 in the fifth year per ton and the cultivators will bear the remaining cost from Rs 60 in the first to Rs 80 in the fifth year per ton.

The staff engaged in seed multiplication and distribution schemes will work for the distribution of cake manure but there will be a separate special staff for purchasing and transporting cake from the mills, to issue permits, to receive returns and to control the price of the cake frozen.

The total expenditure to Government on subsidies and staff is estimated at Rs 8½ lakhs and the additional income to the cultivators will be about rupees nine crores and fifteen lakhs during the period of five years for which the Scheme is proposed. The following statement gives an idea of the areas and the quantity of manure to be applied to different crops in different years.

Year	PADDY		WHEAT		IRRIGATED JOWAR		TOTAL	
	Acres	Tons	Acres	Tons	Acres	Tons	Acres	Tons
1st	200 000	40 000	50 000	10 000	50 000	10 000	300 000	60 000
2nd	250 000	50 000	60 000	12 000	60 000	12 000	370 000	74 000
3rd	300 000	60 000	70 000	14 000	70 000	14 000	440 000	88 000
4th	350 000	70 000	80 000	16 000	80 000	16 000	510 000	102 000
5th	400 000	80 000	100 000	20 000	100 000	20 000	600 000	120 000

**4 Areas selected for application** — Dharwar, Belgaum, Kanara, Ratnagiri, Thana Kolaba and Bombay Suburban for application to paddy crop and Deccan for irrigated wheat and irrigated Jowar

**5 Other Departments to be consulted** —

**6 Upper staff for planning and/or execution of the Scheme** — 6 Agricultural Officers for five years

**7 Lower staff for planning and/or execution of the Scheme** — 13 clerks, 5 kamgars and 12 peons for five years

**8 How staff is to be obtained** — By promotion and recruitment. Returned soldiers can be appointed to posts of clerks, kamgars and peons after suitable training

9 Rough estimate of cost at existing rates for each year of the first five years.

Item	Year				
	1st Rs	2nd Rs	3rd Rs	4th Rs	5th Rs
(a) Capital (Subsidiary by the Government of Bombay and the Government of India)	18 00 000	18 00 000	17 60 000	15 30 000	1 00 000
(b) Recurring	5 260	4 960	4 60	48 300	4 000
Total	18 5 260	18 93 960	18 07 60	15 78 300	1 04 000
Grand total	Rs 83 84 3 0				

10 To what extent the Scheme is productive and/or recoverable—The revenue additional income to cultivators from different crops by working the Scheme will be as under—

Year	Area to be irrigated Acres	Total additional yield at 3 maunds per acre	Value of additional yield
		Maunds Rice	Rs.
1st	200 000	600 000	96 00 000
2nd	250 000	750 000	1 20 00 000
3rd	300 000	900 000	1 44 00 000
4th	350 000	1 050 000	1 68 00 000
5th	400 000	1 200 000	1 92 00 000
	1 500 000	4 500 000	7 20 00 000
		Irrigated Wheat	
1st	50 000	150 000	18 00 000
2nd	60 000	180 000	21 60 000
3rd	70 000	210 000	25 20 000
4th	80 000	240 000	28 80 000
5th	100 000	300 000	36 00 000
	360 000	1 080 000	1 20 60 000
		Irrigated Jowar	
1st	50 000	150 000	9 00 000
2nd	60 000	180 000	10 80 000
3rd	70 000	210 000	12 60 000
4th	80 000	240 000	14 40 000
5th	100 000	300 000	18 00 000
	360 000	1 080 000	64 80 000
Grand Total	2 220 000	6 660 000	9 14 10 000

11 Nature of materials machinery etc needed from—  
(a) abroad—Typewriters  
(b) locally—Office furniture equipments etc

12 Any other remarks or information—The details of the scheme have not yet been approved by Government

# **SCHEME No. 49.**

1 *Department* — Agriculture

2 *Scheme* — Preparation of a mixture of ammonium phosphate, bonemeal and groundnut cake and its application to potato crop

3 *Brief description of the Scheme* — It is proposed to prepare a mixture of ammonium phosphate, bonemeal and groundnut cake and apply the same to potato crop over the area of 5 000 rising to 9 000 acres in five years. The mixture will be applied at the rate of 580 lbs per acre which amounts to 70 lbs Nitrogen and 100 lbs phosphoric ( $P_2O_5$ ) acid. The cost comes to Rs 65 per acre. A godown will be constructed and a mixing plant will be erected at *Ahed*, which is the heart of potato growing tract and the mixture will be prepared on the spot for distribution to the cultivators at cost price. There will be no loss to Government except the small cost of the staff to work the plant. The following statement gives an idea of the areas and the quantities of the mixture to be prepared and distributed to the cultivators during the period of five years

Year	Area in acres	Quantity of mixture to be prepared and distributed in tons
1st	5,000	1,330
2nd	6,000	1,600
3rd	7,000	1,870
4th	8,000	2,140
5th	9,000	2,410

4 *Area selected for application* — Poona and Satara districts

5 *Other Departments to be consulted* —

6 *Upper staff for planning and/or execution of the Scheme* — One Senior Agricultural Officer

7 *Lower staff for planning and/or execution of the Scheme* — 2 clerks, 4 kamgars and 2 peons

8 *How staff is to be obtained* — By promotion and recruitment. Returned soldiers can be appointed as clerks, kamgars and peons after suitable training

9 *Rough estimates of cost at existing rates for each year of the first five-year plan* —

Items	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	
(a) Capital (Cost of building and plant)	40 000					
(b) Recurring	9 000	9 000	9 000	9 000	9 000	
<b>Total</b>	<b>49 000</b>	<b>9 000</b>	<b>9 000</b>	<b>9 000</b>	<b>9 000</b>	

**Grand Total Rs 85 000**

10 *To what extent is the Schen.*

additional income to cultivators

be as under —

Year	Area under potatoes to which the manure is applied in acres	Total additional yield in maunds	Value of the additional yield in rupees
			Rs
1st	5,000	125,000	8,75,000
2nd	6,000	150,000	10,50,000
3rd	7,000	175,000	12,25,000
4th	8,000	200,000	14,00,000
5th	9,000	225,000	15,75,000
		875,000	61,25,000

11 *Nature of materials, machinery, etc., needed from—*

(a) *abroad* —Typewriters.

(b) *locally* —Office furniture, equipments, etc.

12 *Any other remarks of information* —An amount of Rs 3 lakhs may be kept as Personal Ledger Account for purchase of different ingredients of manure at the disposal of the Deputy Director of Agriculture (Headquarters) Poona. The details of the scheme have not yet been approved by Government.



## SCHEME No. 50.

## 1 Department—Agriculture

2 Scheme—Extension and organisation of vegetable and fruit cultivation in suitable areas and of the supply of such produce to consumers

3 Brief description of the scheme—Provides for the development of fruit and vegetable production in the Province by (a) the provision of the necessary specialized district staff (b) the establishment of district fruit and vegetable nurseries, (c) scientific research work in horticulture etc at two district sub stations, (d) experimentation and training in fruit preservation and fruit product manufacture, etc, etc

4 Areas selected for application—Whole of the Province particularly areas suitable for expansion of vegetable production

5 Other Departments concerned—Revenue Department—In regard to sites for research stations nurseries etc

Co-operative Department—In regard to the co operative organisation of fruit and vegetable producers and for the marketing of fruit and vegetables and their products

Industries Department—In regard to the organisation of the preservation of fruits and vegetables and the manufacture of fruit and vegetable products and their marketing

Military Department—In regard to suitable ex soldiers for training and staff appointments

6 Upper staff for planning and/or execution of the scheme—No distinction need be made between staff proposed for (a) preparation of plans and estimates and (b) execution of scheme The staff required for training purposes is all provided for in the 1st year of the Scheme

	1st year	2nd year	3rd year	4th year	5th year	Total
(1) Class II B A S	1	2	1			4
(2) Agricultural Officers—						
(a) Grade I	4	3	3	1		11
(b) Grade II		4	3	2		9
7 Lower staff for planning and/or execution of the scheme—						

	1st year	2nd year	3rd year	4th year	5th year	Total
Agricultural Assistants—						
(a) Grade I	4	1	1			6
(b) Grade II		3	3	3		9
Malis	10	11	11	■		33
Laboratory Assistants		3	3			6
Cer cal and Office staff—						
Senior clerks	1	2				3
Junior clerks	4	6	6			16
Peons	6	7	5	1		19

8. *How staff to be obtained*—Class II Bombay Agricultural Service posts to be filled by promotion from existing staff in the Agricultural Department. The staff will be provided from existing staff. The staff will be recruited from persons trained at horticultural training centres run by the Department. Malis will be obtained from similar training centres.

9. *Rough estimate of cost at existing rates for each year of the Five Year Plan*—

	1st year	2nd year	3rd year	4th year	5th year	To
	Rs	Rs	Rs	Rs	Rs	Rs
Capital ..	1,00,000	1,00,000	42,000	..	..	24.0
Recurring	42,040	1,15,830	1,44,428	1,68,212	1,62,816	672.1
	1,42,040	2,15,830	1,86,428	1,68,212	1,62,816	864.1

10. *scheme, approval, extension, preservation as a cottage industry, etc.*

11. *Nature of materials, machinery, etc., needed from*—

(a) *Abroad*—Most of machinery equipment, etc., for preservation and canning laboratories will have to be imported. Vegetable seeds, etc.

(b) *Locally*—All other equipment, e.g., horticultural tools and implements, furniture, etc.

.. .. .. ne offers scope for very suitable industries and should have .. .. .. fruit and vegetable crops in the districts

The details of the scheme have not yet been approved by Government.

Department.—Agriculture.

Scheme—Scheme for extensive work in Livestock Improvement.

Brief description of the scheme—Provides for the expansion of Livestock improvement work particularly for the establishment of three Government Cattle Breeding Farms for useful breeds of cattle at present inadequately provided for in the Province.

Areas selected for application—

- 1) Nasik District,
- 2) Poona District,
- 3) Ratnagiri District.

Other Departments concerned—Revenue Department—In regard to sites and or the location of the Cattle Breeding Farms

Public Works Department—In regard to any construction work to be carried out for the Scheme

Upper staff for planning and/or execution of the scheme—

	1st year	2nd year	3rd year	4th year	5th year	Total
--	----------	----------	----------	----------	----------	-------

Upper staff—

Gazetted staff—

Additional Officers in charge Cattle Breeding Farms	1	1	1			3
---	---	---	---	--	--	---

Lower staff for planning and/or execution of the scheme—

	1st year	2nd year	3rd year	4th year	5th year	Total
--	----------	----------	----------	----------	----------	-------

Lower staff—

Gazetted but trained—

Agricultural assistants	1	1	1	..		3
Cattle Kamgars	2	2	2			6

Non-gazetted and Office staff—

Junior clerks	1	1	1	..	..	3
Peons	1	1	1		..	3

8 How staff to be obtained—Agricultural Officers in charge Cattle Breeding Farms will be obtained by promotion within the cadre of the Livestock Section.

Lower (technical staff) will be provided partly by promotion of suitable staff and by direct recruitment and training on Government Cattle Farms of persons for cattle lambers.

Clerical and office staff will be obtained by direct recruitment.

9 Rough estimates of cost at existing rates for each year of the first five years

Item	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(1) Dangi Cattle Breeding Farm in Yank District—						
Capital	1 00 000					1 00 000
Recurring	20 000	21 256	21 004	23 628	24 313	110 201
(2) Gir Cattle Breeding Farm in Poona District—						
Capital		1 30 000				1 30 000
Recurring		22 744	23 096	26 116	26 303	108 259
(3) Dangi Cattle Breeding Farm in Ratnagiri District—						
Capital			1 00 000			1 00 000
Recurring			20 000	21 000	20 364	61 364
Total						
Capital	1 00 000	1 30 000	1 00 000			3 30 000
Recurring	20 000	44 000	67 000	71 000	73 000	275 000

(Note—No provision on account of lands is made)

10 To what extent is the scheme producing and/or cost recoverable—When Cattle Breeding Farms are established it is hoped that the annual receipts of farms on account of sale of milk breeding bulls and surplus stock will be under—

	Rs
Gir Cattle Farm in Poona	10 000
Dangi Cattle Farm in Ratnagiri	5 000
Dangi Cattle Farm in Nasik	5 000

11 Nature of materials, machinery, etc needed from—

(a) Abroad—Dairy equipment cream separators, butter churns

(b) Locally—Agricultural implements—byre equipment, pails, chains, etc Grass Drying plant, etc, Building materials etc

12 Any other remarks of information—Estimates of land not included as assumed that Government lands will be made available

The details of the scheme have not yet been approved by Government

# SCHEME No. 52

## Department — Agricultural

**Scheme**—Scheme for establishment of Sheep Breeding Sub stations for work improvement of Sheep and Wool in (a) Khandesh, and (b) Ahmedabad

**Brief description of the Scheme**—Provides for the expansion of Livestock breeding work particularly for the establishment of Sheep Breeding Sub stations for work on the improvement of the sheep—and wool—in (a) Khandesh and Ahmedabad districts. At present, the important breeds of sheep in these areas selected so far as work on scientific breeding and wool improvement is concerned are sheep stations are sub stations in the Province are at Poona (Javalepur district), Bagalkot (Bijapur District) and Belgaum only

**Areas selected for application**—(i) Khandesh district, (ii) Ahmedabad

**Other Departments concerned**—Revenue Department in regard to selection of land and location of the Sheep Breeding Farms

**Upper staff for planning and/or execution of the scheme**—Nil

**Lower staff for planning and/or execution of the scheme**—

	1st year	2nd year	3rd year	4th year	5th year	Total
ungraduate but trained—						
(a) Agricultural Assistants	2	2				4
(b) Flockman	1	1				2

**How staff to be obtained**—The Agricultural Assistants will be recruited directly trained at the Sheep Breeding Research Station, Poona

**Rough estimates of cost at existing rates for each year of the first five year plan**—

Items	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Sheep Breeding Sub station Khandesh—						10 000
Capital	10 000					
Recurring	5 000	5 000	5 000	5 000	5 000	25 000
Sheep Breeding Sub station Gujarat—						10 000
Capital		10 000				
Recurring		5 000	5 000	5 000	5 000	20 000
Total	10 000	10 000	10 000	10 000	10 000	45 000

(Note—No provision on account of lands is made)

10 *To what extent is the Scheme productive and/or cost recoverable*—When the Farm is established the receipts by sale of stud sheep, wool and dairy produce will approximately amount to Rs 1,000

11 *Nature of materials, machinery, etc needed from—*

(a) *abroad*—Shearing scissors,

(b) *locally*—Agricultural implements, Veterinary instruments, furniture, wire netting, etc

12 *Any other remarks of information*—Estimates of land not included assumed that Government land will be made available

(2) The details of the scheme have not yet been approved by Government

## SCHEME No. 53

*Department* —Agricultural

*Scheme* —Scheme for extension work in Livestock

*Brief description of the Scheme* —Provides for the expansion of Livestock  
 ement particularly for the establishment of Government Poultry Breeding  
 for useful breeds of Poultry at present inadequately provided for in this

*Areas selected for application* —

- (i) Satara District ,
- ii) Nashik District ,
- iii) Surat District

*Other Departments concerned* —Revenue Department in regard to sites and lands  
 ■ location of the Poultry Breeding Farms

*Public Works Department* in regard to any construction work to be carried out  
 the Scheme

*Co-operative Department* in regard to propaganda and organisation towards the  
 tion of Poultry Breeding and Egg Marketing Societies and other Co operative  
 institutions for the Welfare of Poultry breeders and farmers etc

*Upper staff for planning and/or execution of the scheme* —Nil

*Lower staff for planning and/or execution of the scheme* —

—	1st year	2nd year	3rd year	4th year	5th year	Total
<i>Unattached staff—</i>						
<i>Unattached but trained staff—</i>						
1) Agricultural Assistants as Managers	1	1				3
2) Field Inspectors	1	2				3

*How staff to be obtained* —Managers will be obtained by promotion with the  
 re of the Livestock Section

9 *Rough estimates of cost at existing rates for each year of the first Five Year Plan —*

Item	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(1) <i>Establishment of Poultry Farm in District Sata —</i>						
Capital	6 000					
Recurring	4 000	4 000	4 000	4 000	4 000	
(2) <i>Establishment of Poultry Farm in District Vank —</i>						
Capital		6 000				
Recurring		4 000	4 000	4 000	4 000	
(3) <i>Establishment of Poultry Farm in District Surat —</i>						
Capital		6 000				
Recurring		4 000	4 000	4 000	4 000	
Total— Capital	6 000	12 000				18 000
Recurring	4 000	12 000	12 000	12 000	12 000	52 000

(Note—No provision on account of land is made)

10 *To what extent is the Scheme productive and/or cost recoverable —* When Poultry Breeding Farms are established it is hoped that the annual receipts from the farms on account of sale of hatching eggs and pedigree stock of birds will be Rs 2 000 approximately

11 *Details of materials machinery etc needed from—*

(a) *abroad*—Incubators Punching sets Leg bands and rings etc

(b) *locally*—Poultry House and yard equipment small agricultural Implements Feeding hoppers etc

12 *Any other remarks of information —* Provision of land is not included in the Scheme since it will come from provincial resources

(2) The details of the scheme have not yet been approved by Government



# **SCHEME No. 54**

*Scheme—Expansion of Irrigation Facilities by—*

- (a) Construction and Improvement of (i) Wells and (ii) Tanks
- (b) Erection of Pumping Plants

*Department—Agricultural*

*Scheme—Expansion of irrigation facilities by (a) construction and improvement of wells and tanks and (b) erection of pumping plants*

*Brief description of the scheme—(a)* In order to increase the area under irrigation new wells will be constructed in suitable tracts and the old wells will be improved by repairing, cleaning and deepening them. To ensure the maturity of rice crop, tanks will be constructed in the Malnad tract and old tanks will be improved by clearance and raising and repairing the bunds etc.

(b) Encouragement will be given for installing pumping plants on river sites, and wells by the way of giving subsidies, loans and technical advice assistance.

*Areas selected for application—(a)* Well construction and improvement—over the Province. The tank construction and improvement—Malnad Tract in the Province (Rice growing area).

(b) Pumping Plant erection will be carried out all over the Province at suitable places.

*Other Departments concerned—(a)* (i) Revenue Department for granting loans, (ii) Military Departments for getting personnel.

(b) Co operative Department for forming Co operative Societies for pumping.

*Upper staff for planning and/or execution of the scheme—*

	1st year	2nd year	3rd year	4th year	5th year	Total
(i) Class II B A III	1					1
(ii) Well Supervisors 130—10—250	4					4
(iii) Mechanical Assistants	2	1	1			4

*Lower staff planning and/or execution of the scheme—*

	1st year	2nd year	3rd year	4th year	5th year	Total
(i) Well Inspectors 54—1—90	30					30
(ii) Head Clerk 95—5—125	1					1
(iii) Senior Clerk 80—5—95	1					1
(iv) Junior Clerk	8					8
(v) Peons	7					7
(i) Senior Mechanic 90—4—130	2	1	1			4
(ii) Junior Mechanic 30—2—60	2	1	1			4
(iii) Senior Clerk 80—5—95	1					1
(iv) Junior Clerk 25—5/2—55	3	1	1			5
(v) Peons	3	1	1			5

8. *How staff is to be obtained*—Some by promotion within the existing staff under the Agricultural Engineer and the rest by direct recruitment. Technical personnel can be recruited from returned soldiers.

9. *Rough estimates of cost at existing rates for each year of the first Five-Year Plan.*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) (i) Capital ..	29,50,000	29,50,000	29,50,000	29,50,000	29,50,000	1,47,50,000
(ii) Recurring ..	72,000	70,000	72,000	74,000	77,000	365,000
<b>Total</b>	<b>30,22,000</b>	<b>30,20,000</b>	<b>30,22,000</b>	<b>30,24,000</b>	<b>30,27,000</b>	<b>1,51,15,000</b>
(b) (i) Capital ..	3,00,000	3,00,000	3,00,000	3,00,000	3,00,000	15,00,000
(ii) Recurring ..	10,000	21,000	28,000	29,000	30,000	1,18,000
<b>Total</b>	<b>3,10,000</b>	<b>3,21,000</b>	<b>3,28,000</b>	<b>3,29,000</b>	<b>3,30,000</b>	<b>16,28,000</b>
<b>Grand Total</b>	<b>33,32,000</b>	<b>33,41,000</b>	<b>33,50,000</b>	<b>33,53,000</b>	<b>33,57,000</b>	<b>1,67,43,000</b>

10. *To what extent is the scheme productive and cost recoverable*—(a) This scheme is about 1% recoverable and the recoverable amount is Rs 30,00,000.

(b) This scheme will bring annually 1,000 acres under irrigation each producing about 12,000 maunds of grain costing about Rs 1,80,000. These Rs will be progressively achieved for five years. The recoverable amount is Rs 10,00,000 the return of Tagar loans.

11. *Nature of materials machinery etc needed from—*

(a) *Abroad*—50 diesel engines, each of about 50 H P size, 50 pumps, of about 6" size and other accessories like piping, belting, bearings, shafting, other stores.

(b) *Locally*—(a) and (b) Office furniture.

12. *Any other remarks or information*—(a) The tanks and wells will be constructed and repaired by the cultivators themselves and they will be paid one third of total actual cost as subsidies and the rest as tagar loans to be recovered in five years with the rate of interest of 3½ per cent.

(b) The pumping plants will be installed and operated by individual cultivators or co-operative Societies. Each Plant will bring about 100 acres under irrigation. One third of the actual total cost will be paid as subsidy and the rest in the form of tagar loan to be recovered in five years. The rate of interest will be 3½ per cent.

(2) The details of the scheme have not yet been finally approved by Government.

## SCHEME No. 55.

Department.—Co operative.

Scheme —District Industrial Associations.

Brief description of the scheme.—There are at present 9 industrial associations

It is proposed that such for development of hand- subsidiary industries. The such could be organised in rent districts have already been indicated in the Bombay Industrial and Economic Survey Reports (Sir P. Thakordas Reports). With the material that is readily available and with the technical advice obtained from the Industries Department, it may be possible to organise a number of societies on co operative basis which would work as producing centres and feeders to the proposed industrial associations.

associations and other industrial co operatives. The proposed federation would require financial assistance in the initial stages. Provision has accordingly been

Areas selected for application —The coastal districts of North Kanara, Kolaba, Nagari, Thana and Surat and other districts, viz., Poona, Satara, East Khandesh & Kara.

Other Departments concerned —Department of Industries

Upper staff for planning and/or execution of the scheme —One Secretary for Provincial Federation (Rs. 135—5—180)—

10 Managers (on Rs. 70 per mensem) one for each Association.

Lower staff for planning and/or execution of the scheme —

How staff to be obtained —Managers could be recruited from the Industries Department

Rough estimates of cost at existing rates for each year of the First Five Year plan —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	10,350					10,350
Recurring	59,394	58,416	58,488	53,400	53,400	83,098
Total	69,744	58,416	58,488	53,400	53,400	2,93,418

10 *To what extent is the scheme productive and/or cost recoverable* —Not prod an

11 *Nature of material, machinery, etc., needed from—*

(a) *Abroad —*

(b) *Locally —*

12 *Any other remarks or information* —The Department of Industries shall be  
to render assistance in the preparation of plans and estimates, training of tech.  
shall in charge of the associations and may also have to advise in respect of  
materials, machinery, equipment, etc., whether it can be obtained locally or impor-  
or obtained from military or other sources

# SCHEME No. 56.

Department—Co-operative

Scheme—Co-operative Creameries

*Brief description of scheme*—Dairy industry is the main subsidiary industry agriculturist and if his income is to be increased, this industry has to be developed. The work under this scheme visualises the organisation of co-operative creameries in districts where there is an abundant quantity of surplus milk. It is intended to organise five central creameries at five district headquarters with 5 separating units, in each district where milk will be collected from the surrounding villages. The cream separated at each centre together with the other milk products which do not command local sale will be transported to the central creamery equipped with a laboratory where the cream will be boiled into which will be tested and tinned under AGMARK labels and despatched to consuming centres. So also other milk products received from constituent will be converted into durable milk products for disposal.

*Areas selected for application*—Belgaum, Satara, East and West Khandesh, Dhule.

*Other Departments to be consulted*—Department of Agriculture

*Upper staff for planning and/or execution of the scheme*—5 Graduate Assistants of grade of Rs 95—5—130 one for each of the central creameries

*Lower staff for planning and/or execution of the scheme*—30 Kamgars in the grade of Rs 30—35—5/2—60—5 for 5 years and 25 for 3 years—

5 Peons on Rs 14 per mensem each

*How staff to be obtained*—From Military Dairy Department or by recruitment training suitable retired soldiers will be recruited as Kamgars

*Rough estimates of cost at existing rate for each year of the First Five Year*

	1st year	2nd year	3rd year	4th year	5th year	Total
Capital (for units to central and primary creameries for purchase of equipment)	Rs 37 000	Rs	Rs	Rs	Rs	Rs 37 000
Recurring	17 640	19 740	20 040	10 140	10 440	78 000
Total	54 640	19 740	20 040	10 140	10 440	1 15 000

Including a provision of Rs 33 000 for grant of loans at the rate of 4 per cent interest per annum repayable in ten annual equal instalments.)

11. *Nature of materials, machinery, etc needed from (a) abroad, (b) loc.*  
 Cream separators, fat-testing machines, churners, special boilers for conversion  
 cream into ghee, milk containers, etc

12 *Any other remarks or information* —So far as primary units are concerned  
 in addition to the provision of equipment, it would be necessary in the initial  
 i.e. at least for three years to provide each unit with one Kamgar. The cen-  
 creamery equipped with the laboratory will have to be manned with a staff of  
 Graduate Assistant, one Kamgar and one peon. The pay of this staff  
 contingencies (the latter at the rate of Rs 300 per annum) will be borne by  
 Government. The following amounts will also be provided by Government —

	Rs
Grants to five central creameries for equipment of laboratories	20 000
Grants to primary creameries to meet one third of the cost of equipment	17 000
Loans to primary creameries to meet two thirds of the cost of equipment at the rate of 4 per cent interest per annum repayable in 10 annual instalments	33 000

# SCHEME No. 57.

Department.—Co-operative.

Scheme—Milk supply unions.

Brief description of the scheme—The work under this scheme visualises

1  
3

Ray and Poona are left out, as work on a large scale is proposed to be by the Agricultural Department in Bombay, and work on similar lines may be undertaken in Poona

Areas selected for application—Ahmedabad, Belgaum, Deolali, Nasik, Hubli Sholapur

Other Departments to be consulted—Department of Agriculture

Upper staff for planning and/or execution—One Officer in Class II service on scale of Rs 235—500 for Ahmedabad District with one clerk and two

Lower staff for planning and/or execution of scheme—One Graduate Assistant in the grade of Rs 95—5—130 with a peon  
Two Graduate Assistants Rs 95—5—130 with a peon each and 5 Managers in grade of Rs 75—5/2—90

How staff to be obtained—From Military Darry Department or by recruitment or training

Rough estimates of cost at existing rates for each year of the first Five-Year

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	400	0				1 100
Recurring	7,860	15 840	16 260	16 920	17 340	74,220
Total	8 260	16 840	16,260	16,920	17 340	75 320

11 Nature of materials, machinery, etc., needed from—Cold storage equipment, for transport for distribution

(a) Abroad—

(b) Locally—

12 Any other remarks or information—In addition to the special staff for Ahmedabad each milk supply union to be organised at places mentioned in column 4 will have to be provided with a Manager at Government cost in the initial stages.

## SCHEME No. 58.

- 1 Department—Forest
- 2 Scheme—Forest rehabilitation
- 3 Brief description of the scheme—Urgent provision for one extra to Plan party, making 3 full strength parties for each circle under the control of the Conservator of Forests. Parties to enumerate and not exploited or only partly so
- 4 Areas selected for application—All Southern Circle Panch Mahals, Khandesh and probably also the 3 Thana divisions
- 5 Other Departments concerned—Nil
- 6 Upper staff for planning and/or execution of the scheme—

## STAFF FOR PREPARATION OF THE WORKING PLANS

## Gaolled staff

- 1 Conservator of Forests, Working Plans Circle on the same time of pay as in the Indian Forest Service plus PTA of Rs 190 per mensem
  - 1 Divisional Forest Officer, Working Plans Northern Circle, on Rs 300-420—EB—30-660—EB—40-900 plus PTA of Rs 160 per mensem
  - 1 Assistant to the Divisional Forest Officer, Working Plans, Northern Circle on Rs 235-15-400-20-500 plus PTA of Rs 75 per mensem
  - 1 Assistant to the Divisional Forest Officer, Working Plans Central Circle on Rs 235-15-400-20-500 plus PTA of Rs 75 per mensem
  - 1 Assistant to the Divisional Forest Officer Working Plans Southern Circle on Rs 235-15-400-20-500 plus PTA of Rs 75 per mensem
- The execution of the plans will be carried out by the existing territorial staff
- 7 Lower staff for planning and/or execution of the scheme—

## Clerical Establishment

- 1 Head Clerk on Rs 95-5-125—EB—135-5-160
  - 1 Accountant (the old scale of pay viz Rs 85-5/2-100 should be allowed if Government servants entitled to the old scale of pay are appointed otherwise the appointment should be on the revised scale of pay Rs 80-5/2-95)
  - 1 Clerk on Rs 60-5/2-75
  - 2 Clerks on Rs 25-5/2-55 each
  - 1 Ranger Surveyor on Rs 80-5-125—EB—150 plus PTA of Rs 30
  - 1 Surveyor on Rs 20-5/2-55 plus PTA of Rs 15
  - 2 Peons on Rs 18 per mensem each
  - 3 Peons on Rs 17 per mensem each
- } For the office of the  
Conservator of Forests  
Working Plans  
Circle



1 Accountant (the old scale of pay viz Rs 85-5/2-100 should be allowed if Government servants entitled to the old scale of pay are appointed, otherwise the appointment should be on the revised scale of pay of Rs 80-5/2-95)

1 Clerk on Rs 25-5/2-55

1 Ranger Surveyor on Rs 80-5-125-LB-5- } For the office of  
 0 plus PTA of Rs 30 per mensem } Divisional Forest  
 1 Surveyor on Rs 60-5/2-75 plus PTA of } Officer, Working  
 Rs 15 per mensem } Plans, Northern  
 2 Surveyors on Rs 20-5/2-55 plus PTA of } Circle  
 Rs 15 per mensem each

1 Peon on Rs 15 per mensem

5 Peons on Rs 11 per mensem each

2 Peons on Rs 17 per mensem each

For Assistant to the  
 Divisional Forest  
 Officer Working Plans,  
 Central Circle

2 Peons on Rs 14 per mensem each

For Assistant to the  
 Divisional Forest  
 Officer Working Plans,  
 Southern Circle

Extra appointments made for War Supply  
 over or curtailed but it will be necessary  
 vacancies in Bombay Forest Service Class II  
 caused by the retirement during the next 5 years by (a) promotion of selected  
 officers and (b) by direct recruitment for training at Dehra Dun

Rough estimates of cost at existing rates for each year of the first Five Year  
 plan

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital						
Recurring	70 000	70 000	70 000	0 000	0 000	210 000

Revenue in the immediate future may be unfavorable

1 Nature of material machinery etc needed from -

(a) Abroad - Nil

(b) Locally - Nil

# SCHEME No. 59.

1 *Department* —Forest

2 *Scheme* —Communications

3 *Brief description of the scheme* —Provision of new and urgently required roads. Special repairs to existing roads to replace damage due to excessive in war years

4 *Areas selected for application* —Mainly Southern Circle, Thana and Na

■ *Other departments concerned* —Public Works Department

■ *Upper staff for planning and/or execution of the scheme* —Present staff can cope with the work if the Ozar Saywan road estimated to cost Rs 2,59,467 and the Khar Pareh road estimated to cost Rs 50,100 are taken up by the Public Works Department. Otherwise a gazetted Assistant, say on Rs 400 per mensem will be required by the Forest Engineer

7 *Lower staff for planning and/or execution of the scheme* —Present staff can cope with the work

8 *How staff to be obtained* —Vide remarks against 6 and 7 above. The gazetted Assistant if required will have to be recruited by selection of a graduate in Engineering

9 *Rough estimate of cost at existing rates for each year of the first Five-Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1,00,000	1,00,000	1,00,000	1,00,000	1,00,000	5,00,000
plus	62,000	62,000	62,000	62,000	62,000	3,10,000
(b) Recurring	Nil	No maintenance charges during the first 10 years need be allowed for				
Total	1,62,000	1,62,000	1,62,000	1,62,000	1,62,000	8,10,000

10 *To what extent is the productive and/or cost recoverable* —At least 15 per cent of the outlay can be recouped every year after completion of the roads in the absence of increase in the prices of coupes which do not at present command good prices owing to inaccessibility

11 *Details of materials, machinery, etc., needed from—*

(a) *Abroad* —Nil

(b) *Locally* —Nil

12 *Any other remarks or information* —The details of the scheme have not been approved by Government

# **SCHEME No. 60.**

**Department —Forest**

**Scheme —**Forest buildings, wells, etc (About 116 buildings and 19 wells to be constructed)

**Brief description of the scheme —**Provision of necessary buildings, mainly for forest staff and necessary amenities particularly water. The period for completion is 10 years.

**Time for completion of the scheme within 10 years** The costs given below are for the first 5 years.

**Areas selected for application —**All Circles

**Other Departments concerned —**Nil

Upper staff for planning and/or execution of the scheme —	} The present staff can supervise these works
Lower staff for planning and/or execution of the scheme —	
How staff to be obtained —	

**Rough estimates of cost at existing rates for each year of the first five Year**

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	2 00 000	2 20 000	2 00 000	2 00 000	2 00 000	11 00 000
Running						

**To what extent is the scheme productive and/or cost recoverable —**Nil. It is never essential to put forest staff on an equal footing by the provision of adequate housing for all. An indirect return should certainly be obtained from an improved standard of health and well being among the staff.

**Nature of material machinery etc needed from—**

(a) Abroad —Nil

(b) Locally —Nil

(c) Any other remarks or information —Nil

**1 Department —Public Health**

**2 Scheme —**Extension of the Malaria Organisation by the formation of two additional squads

**3 Brief description of the scheme —**The establishment of a permanent malaria organisation to deal with malaria in this province was sanctioned in 1941. The staff of the organisation has commenced its activities in the Kanara District of this province. Investigations have been carried out in some parts of the district and control measures have been commenced. There are other parts in the province where malaria is rampant and it is considered necessary to carry out investigations for the purpose of finding out the causes of the prevalence of malaria in those areas and taking the necessary control measures. In order to carry out these objects, Government considers it essential that the staff of the malaria organisation should be strengthened by the formation of two additional squads for a period of 3 years in the first instance.

**4 Areas selected for application —**One or two talukas of any malarious District except the Kanara District in which the staff of the permanent organisation is carrying on its work.

**5 Other Departments concerned —**Medical Department

**6 Upper staff for planning and/or execution of the scheme —**(a) No staff required for planning

(b) *For execution —*Two Medical Officers. Qualifications—M B B S degree from the Bombay University or any other qualifications specified in the first or second Schedule of the Indian Medical Council Act, 1933, and the experience in malaria work in Malaya, preference being given to candidates holding D T M or M D (in Tropical Medicine) or Sanitary Inspectors' Certificate.

*Payscale —*Rs 200—40/3—400 with efficiency bars at Rs 240 and Rs 300 (Probationers Rs 150 per mensem for the first year, Rs 180 for second year) plus a special pay of Rs 30 per mensem each and compensatory allowance for loss of private practice of Rs 50 per mensem each and with suitable travel allowance.

**7 Lower staff for planning and/or execution of the scheme —**(a) No staff required for planning.

(b) *For execution —*Two S M S Officers. Qualification—L C P S M B B S

*Payscale —*Rs 60—5—95—E B —5—130—E B —170 (Probationers Rs 40 for 2 years) plus special pay of Rs 20 per mensem each and compensatory allowance for loss of private practice Rs 10 per mensem each—

*Payscale*

Rs

Two Laboratory Assistants

50—5/2—90—5—140

Eight Insect Collectors

20—1—40

Two Peons

14 per mensem each

Two Sweepers

14 per mensem each

*How staff to be obtained —*

*Upper staff*—By advertisement or by selection of suitable candidates from the Civil or Military Department

*Lower staff*—S. M. S. Officers—By advertising or by obtaining suitable candidates from the Medical or Military Department

*Laboratory Assistants*—By advertising or from Military Personnel, if found suitable, after training in the technique of malaria under the Malaria Organization

*Insect Collectors*—Suitable candidates from the Military Personnel, if available

*Peons and sweepers*—Locally or from the returned personnel of the Military

*Rough estimate of cost at existing rates for each year of the First Five Year Plan—*

	1st year	2nd year	3rd year	4th year*	5th year*	Total
	Rs	Rs	Rs	Rs	Rs	Rs
a) Capital (Non recurrent)	4 000	Nil	Nil	Nil	Nil	4 000
b) Recurring	40 000	41 000	42 000	43 000	44 000	2 10 000
<b>Total</b>	<b>44 000</b>	<b>41 000</b>	<b>42 000</b>	<b>43 000</b>	<b>44 000</b>	<b>2 14 000</b>

\* It is proposed to sanction the two squads for a period of 3 years in the first instance

10 *To what extent is the scheme productive and/or cost recoverable*—Malaria has a very heavy toll of life and dissipates the vitality of the working classes. The measures though not productive in the literal sense would help to eradicate malaria in some years to come resulting ultimately in better economic life in the vast rural areas of this Province

11 *Nature of material machinery etc needed from—*

(a) *Abroad*—Pyrethrum extract and Paris green

(b) *Locally*—Hand sprayers groundnut oil soap soft soap powder and malariol

— additional squads will be on first instance. But it may be than 3 years

## SCHEME No 62

1 *Department*—Public Health

2 *Scheme*—Permanent Plague Organisation

3 *Brief description of the scheme*—The analysis of the plague epidemic in the Province has revealed that the Plague infection in Belgaum, Dharwar and North Kanara Districts radiates from the endemic centres of Plague in Belgaum and Dharwar Districts. In Bijapur and Sholapur Districts the infection is generally imported from the endemic centres situated in the Western Ghats. The prevention of Plague in the Province will depend upon how the endemic centres are tackled and the infection is eradicated from them. A permanent Plague Organisation specialised in anti plague work including Cyanide fumigation can devote seriously to the problem and deal with the endemic centres and the areas susceptible to Plague infection by devising measures according to the experience gained is absolutely necessary for the Bombay Province.

4 *Areas selected for application*—Belgaum, Dharwar, North Kanara, Bijapur, Sholapur and Poona Districts

5 *Other Departments concerned*—Medical (Haffkine Institute)

6 *Upper staff for planning and/or execution of the scheme*—(a) No staff is required for planning

(b) For execution of the scheme  
British Diploma in Public Health  
Rs 400—30—700—35—1 050 with  
Plague Officers—Qualification—  
or D P H (Bombay or Calcutta) on Rs  
allowance

7 *Lower staff for planning and/or execution of the scheme*—(a) No staff is needed for planning

(b) For execution the staff needed is—

Ten Epidemic Medical Officers L.C.P.S. pay Rs 100—5—200 special pay Rs 40 and compensatory allowance for loss of private practice Rs 30 per mensem plus permanent travelling allowance of Rs 40 per mensem

Eight Sanitary Inspectors (qualified) pay Rs 60—10/2—150, permanent travelling allowance Rs. 20 per mensem

One Bacteriological Assistant B.Sc. with Bacteriology, pay Rs 130—9—310

Two Clerks pay Rs 80—5/2—95

Three clerks pay Rs 40—5/2—80

Four Laboratory Assistants at least Matrics, pay Rs 50—5/2—90—5—140

Two Motor Drivers pay Rs 50—5/2—80, plus camp allowance of Rs 10 per mensem

Ninety Operators pay Rs 30—1—45

Six peons pay Rs 20—1—30

Eight Laboratory Attendants pay Rs 20—2—40

Ninety coolies pay Rs 20—1—30

Two Motor cleaners pay Rs 20—1—30 plus camp allowance Rs 6 per mensem

One watchman pay Rs 20—1—30

Three sweepers, pay Rs 15—1—20

*How staff to be obtained—*

(a) *Upper*—(a) Assistant Director of Public Health and Plague Officers by advertisement or by obtaining suitable candidates from Military or Medical Department

(b) *Lower*—(b) (1) Epidemic Medical Officers by advertisement or suitable candidates from Military or Medical Department

(2) Sanitary Inspectors by advertising or suitable candidates from returned soldiers after training them in Sanitary Inspectors' course at Bombay

(3) Clerks, Bacteriological Assistant Laboratory Assistants—by advertising or from suitable Military personnel

(4) Laboratory attendants, Motor drivers operators, peons cleaners, watchman—suitable returned soldiers, if available otherwise by advertisement

(5) Coolies Sweepers—Locally, or returned soldiers if available

*Rough estimate of cost at existing rates for each year of the First Five Year*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
a) Capital	35 000	Nil	Nil	Nil	Nil	35 000
b) Recurring	3 25 000	3 27 000	3 29 000	3 31 000	3 33 000	16 45 000
<b>Total</b>	<b>3 60 000</b>	<b>3 27 000</b>	<b>3 29 000</b>	<b>3 31 000</b>	<b>3 33 000</b>	<b>16 80 000</b> (approximately)

Increase in recurring cost in the second and subsequent years will be on account of increments to the staff

10 *To what extent is the scheme productive and/or cost recoverable*—The cost is not recoverable from anybody. But the scheme can be said to be productive in the sense that it is of lasting benefit to the rural population which is suffering from danger of plague at present. The eradication of Plague would be of immense benefit to the population from the Public Health and economic point of view. The loss of life due to plague and economic loss of the rural population on account of disturbed life due to plague outbreaks can be avoided.

11 *Nature of material machinery etc needed from—*

(a) *Abroad*—Nil

(b) *Locally*—Material e.g. Cyanogas pumps 2 Motor lorries tarpaulins, barium carbonats HCN poison treatment boxes spades torches baskets rat traps, laboratory equipment

12 *Any other remarks or information*—Nil

## SCHEME No. 63.

## 1 Department—Public Health

## 2 Scheme—District Health Organisation Per district Establishment of in the Province of Bombay

## 3 Brief description of the scheme—

Officers working in the Districts of Bijapur and Ahmedabad District. The proposal to

under the consideration of Government remaining districts is also equally health problems Government considers that the remaining Districts viz Belgaum, Kanara, Poona and Bombay Suburban, Kolaba, Ratnagiri, Broach, Panch Mahals and Kaira should be taken up for the introduction of the District Health Organisation Scheme.

4 Areas selected for application—The Districts of Belgaum, Kanara, Poona, Thana and Bombay Suburban, Kolaba, Ratnagiri, Broach, Panch Mahals and Kaira.

5 Other Departments concerned—Local Self Government and Revenue Departments.

6 Upper staff for planning and/or execution of the scheme—No staff is required for planning. Nine District Health Officers are required for the execution of the scheme (as Bombay Suburban District consists of only one Taluka, it is included in Thana District). Qualification—Medical qualification registrable by the Bombay Medical Council plus British Diploma in Public Health or B Hy (Bom) or D P H (Bom) or D P H (Calcutta). Scale of pay—Rs 350—40/3—590—30—710.

7 Lower staff for planning and/or execution of the scheme—No staff is required for planning. The following staff is required for the execution of the scheme—

- 13 Epidemic Medical Officers,
- 27 Sanitary Inspectors
- 28 Sub Inspectors
- 122 peons and
- 624 sweepers and coolies of whom 156 will be mukadams

## 8 How staff to be obtained—

Upper staff to be obtained either by releasing required qualified personnel from the Defence Forces or from the Government of India. Failing them local recruitment.

Lower staff to be recruited locally.



*Rough estimate of cost at existing rates for each year of the first Five Year Plan —*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital (Non recurrent) recurring	1,18,450 5,62,110	5,62,110	5,62,110	5,62,110	5,62,110	1,18,450 28,10,550
Total	6,80,560	5,62,110	5,62,110	5,62,110	5,62,110	29,20,000

able —The scheme  
Defence Forces on  
ve in the sense that

nduces to healthy life, increasing output  
ring of villages in rural areas It involve  
emics by means of permanent and emergent  
h of the rural population by means of actual demonstrations and education  
aganda

*Nature of material, machinery, etc, needed from—*

(a) *Abroad*—Motor lorries and Pyrethrum

(b) *Locally*—Augers for boring holes for village latrines, disinfectants like  
ienyle, lysotol white, bleaching powder, potassium permanganate, barium  
rbonate, mosquito nets, *phowras*, *ghamelas*, pick axes, etc

2 *Any other remarks or information*—The scheme is complete in itself and  
be introduced as soon as the necessary staff is available

## SCHEME No. 64.

1 *Department*—Educational Department (Industries)  
 2 *Scheme*—Industrial School, Satara  
 3 *Brief description of the scheme*—It is proposed to start an industrial school at Satara, as a modern high grade institution. The following subjects will be taught in the school—

- (i) Mechanical Apprenticeship
- (ii) Carpentry
- (iii) Agricultural Carpentry and Smithy
- (iv) Handloom Weaving

4 *Areas selected for application*—Satara

5 *Other Departments concerned*—The Public Works Department in respect of the preparation of the plans and estimates for the school buildings

6 *Upper staff for planning and/or execution of the scheme*—The District Director of Industries for planning and execution of this scheme along with other industrial schemes

7 *Lower staff for planning and/or execution of the scheme*—

## Staff

## Scale of pay

## Rs

(i) One fitter	60—3—75
(ii) One Turner and Machinist	60—3—75
(iii) One Agricultural smith and Carpenter	60—3—75
(iv) One Moulder	35—2—15
(v) One Assistant Handloom Instructor	35—2—15
(vi) One Hamal	14 per mensem

8 *How staff to be obtained*—By public advertisement

9 *Rough estimate of cost of existing rates for each year of the First Five Year Plan*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital—						
Cost of Buildings	50 000					
Cost of equipment	39 000					1 11
(b) Recurring—						
Average cost per annum—						
Staff	3 792	7 792	7 792	7 792	7 792	38
Contingencies	4 000					
<b>Total</b>	<b>1 21 792</b>	<b>7 792</b>	<b>7 792</b>	<b>7 792</b>	<b>7 792</b>	<b>15</b>

*To what extent is the scheme productive and/or cost recoverable*—The institution will be training boys in all stages including the children of Returned soldiers

*Nature of material, machinery, etc, needed from—*

(a) *Abroad*—Lathes, planing machine, tapping machine, weaving machine, mangle machine, tool grinder, twistel grinder, stolling machine, scraping machine, dyes, vices etc, and machine tools

(b) *Locally*—Working benches and other small equipment

*Any other remarks or information*—The scheme has been administratively approved as a post war reconstruction measure. The details of the scheme are being worked out by the Director of Industries and he has been asked to work out the scheme in further detail before the scheme is finally put into execution. The Returned soldiers can take advantage of the school.

## SCHEME No. 65

- 1 *Department*—Educational Department (Industries)
- 2 *Scheme*—Industrial School, Hubli
- 3 *Brief description of the scheme*—It is proposed to start an industrial school at Hubli to impart education on a higher standard. The following subjects will be taught in the school—
  - (a) Mechanical Apprentices
  - (b) Carpentry
  - (c) Agricultural Carpentry and Smithy
- 4 *Areas selected for application*—Hubli
- 5 *Other Departments concerned*—Nil
- 6 *Upper staff for planning and/or execution of the scheme*—The Deputy Director of Industries for planning and execution of this scheme along with the industrial schemes
- 7 *Lower staff for planning and/or execution of the scheme*—

Staff

Scale of pay

Rs

(a) One Superintendent	130—10—7 1/2
(b) One Technical Draughtsman	70—3—13 1/2
(c) One Fitter	60—3—7 1/2
(d) One Turner and Mechanist	60—3—7 1/2
(e) One Smith	35—2—4 1/2
(f) One Moulder	35—2—4 1/2
(g) One Carpenter Instructor	60—3—7 1/2
(h) One Assistant Carpenter Instructor	35—2—4 1/2
(i) One Agricultural Smith and Carpenter	60—3—7 1/2
(j) One Clerk	25—5/2—5 1/2
(l) Two Hamals at Rs 14 per mensem	
(l) One peon at Rs 15 per mensem	

8 *How staff to be obtained*—By public advertisement9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	
(a) Capital—						
Cost of Building	65 000					
Cost of equipment	39 000					
(b) Recurring—						
Average cost per annum—						
Salaries	9 463					
Contingencies	7 000	18 263	18,263	18 263	18,263	
Scholarships	1 800					
<b>Total</b>	<b>1,22,263</b>	<b>18 263</b>	<b>18 263</b>	<b>18 263</b>	<b>18 263</b>	

1. *Nature of material, machinery, etc., needed from—*

(a) *Abroad*—Electrically driven machines fitters' vices, lathes, machines tools, micrometer, surface plates, etc

(b) *Locally*—Working benches and other small equipment

2. *Any other remarks or information*—The scheme has been administratively measure The school when opened will be constructed by the Government of India on the plot of land (survey No 67) reserved for the Industrial school at Hubli which will be taken over by the Government of Bombay after the war on payment of a portion of the cost to be decided in consultation with the Government of India The Returned soldiers can take advantage of the school

# **SCHEME No. 66.**

- 1 Department —Educational Department (Industries)
- 2 Scheme —Technical (Industrial) School, Bijapur
- 3 Brief description of the scheme —It is proposed to start a Technical school at Bijapur. The following subjects will be taught in the school —
  - (a) Mechanical Apprentices Course
  - (b) Carpentry
  - (c) Agricultural Carpentry and Smithy
- 4 Areas selected for application —Bijapur
- 5 Other Department concerned —The Public Works Department in respect of preparation of plans and estimates and the Revenue Department for making available Government land for the construction of the building for the proposed school
- 6 Upper staff for planning and/or execution of the scheme—
  - (a) For planning —Nil
  - (b) For execution —The Deputy Director for the execution of this scheme as well as other industrial schemes. One Superintendent in the scale of Rs 130—150
- 7 Lower staff for planning and/or execution of the scheme—
  - (a) For planning—Nil
  - (b) Staff—

Scale of pay

	Rs
(1) One Technical Draughtsman	70—3—130
(2) One Fitter	50—3—75
(3) One Turner and Machinist	60—3—75
(4) One Smith	35—2—45
(5) One Moulder	35—2—45
(6) One Carpenter Instructor	60—3—75
(7) One Assistant Carpenter Instructor	35—2—45
(8) One Agricultural Smith and Carpenter	60—3—75
(9) One Clerk	25—5/2—55
(10) Two Hamals	@ Rs 14 p m ea
(11) One peon	@ Rs 15 p m

■ How staff to be obtained —By public advertisement

9 Rough estimate of cost at existing rates for each year of the first Five Year Plan

	1st year	2nd year	3rd year	4th year	5th year	Tot
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital—						
Building	60 000					
Equipment and installation	39 000					1 04 000
(b) Recurring—						
Establishment	9 463	9 463	9 463	9 463	9 463	
Contingencies	7 000	7 000	7 000	7 000	7 000	
Scholarships	1 500	1 500	1 500	1 500	1 500	91 000
<b>Total</b>	<b>1 22 263</b>	<b>18 263</b>	<b>18 263</b>	<b>18 263</b>	<b>18 263</b>	<b>1 05 540</b>

1. *To what extent is the scheme productive and/or cost recoverable* —The school will  
a number of boys every year in all stages
1. *Nature of material, machinery, etc, needed from—*
- (a) *Abroad* —Oil engine, pump, cutting treadle machine, anvils etc
- (b) *Locally* —Working benches and other small equipment
1. *Any other remarks or information* —It is decided to treat this scheme as a  
1915-16. It is however retained  
a view that if it is not approved  
1915-16 it will be treated as  
dealt with accordingly. The  
school will be useful to returned soldiers

## SCHEME No. 67.

- 1 *Department*—General Department (Industries)
- 2 *Scheme*—Fisheries (Study of Marine Biology and the establishment of an aquarium)
- 3 *Brief description of the scheme*—It is proposed to develop marine fisheries of the Province on modern lines by power fishing with improved types of net such as Danish Seine, Purse Seine, Draft net, longlines, etc. The scheme is divided into 3 parts, viz—
  - (1) Improvement of fishing methods
  - (2) Development of Inland Fisheries at Khopoli and Poona
  - (3) Study of Marine Biology and the establishment of an aquarium
- 4 *Areas selected for application*—Bombay
- 5 *Other Departments concerned*—The Public Works Department
- 6 *Upper staff for planning and/or execution of the scheme*—
  - (a) *For planning*—Nil
  - (b) *For execution*—One Deputy Director of Industries for the execution of this scheme along with other industrial schemes
- 7 *Lower staff for planning and/or execution of the scheme*—
  - (a) *For planning*—Nil
  - (b) *For execution*—

## Staff

## Scale of pay

Rs

(1) One Curator	130—5/2—170
(2) Two Clerks in the Fisheries section	50—5/2—90—L B —5—140
(3) One Aquarium Clerk	50—5/2—90
(4) One Mechanic	50—5/2—90
(5) Two field collectors	40—2—60
(6) Three aquarium keepers	20—1—30
(7) One gardener ..	@Rs 20 p m
(8) One sweeper	@Rs 12 p m

*Research Section*

(1) One Research Assistant	130—10—170
(2) One Assistant Biologist	100—5—150
(3) One Mechanic Driver (for the launch)	60—5/2—90
(4) One Tindal (for the launch)	50—2—60
(5) One Boatman (for the launch)	30

- 8 *How staff to be obtained*—By public advertisement



*Rough estimate of cost at existing rates for each year of the first Five-Year*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	1,03,000					1,03,000
Recurring	25,117	25,117	25,117	25,117	25,117	1,25,585
Total	2 18 117	25 117	25,117	25,117	25,117	3,18 585

	Rs
*Pay and allowances to the staff	10,800
Pay and allowances to the staff of Research Section	6,442
Non contract contingencies	5,000
Contract contingencies	2,875
	25 117

1 To what extent is the scheme productive and/or cost recoverable—The proposed aquarium would serve as an experimental station and is mainly to be established for the provision of research facilities on fishery problems. It will therefore be primarily a scientific institution and as such cannot be expected to be productive.

2 Nature of material, machinery, etc., needed from—

(a) Abroad—Nil

(b) Locally—One launch, Laby apparatus furniture, reference literature, glassware, chemicals, etc

3 Any other remarks or information—Orders according administrative approval to the scheme for the establishment of a Marine aquarium in Bombay as post-war reconstruction measure are being issued. Government has accepted this connection a donation of Rs 2 lakhs from Mr Vica: D B Taraval of Bombay

## SCHEME No 68

- 1 *Department*—General Department (Industries)  
 2 *Scheme*—Fisheries (Development of Inland Fisheries at Khopoli and Poona)  
 3 1 to develop marine fisheries  
 of the improved types of net  
 as Dal The scheme is divided  
 3 parts viz —

- (1) Improvement of fishing methods  
 (2) Development of Inland Fisheries at Khopoli and Poona  
 (3) Study of Marine Biology and the establishment of an aquarium

4 *Areas selected for application*—Khopoli and Poona

5 *Other Department concerned*—The Revenue and Public Works Department

6 *Upper staff for planning and/or execution of the scheme*—(a) For planning—  
 (b) For execution—One Deputy Director of Industries for the execution of the scheme along with other industrial schemes

7 *Lower staff for planning and/or execution of the scheme*—(a) For planning—  
 (b) For execution —

Staff

Scale of pay

Rs

(1) Two Assistants each in charge of the fish farm at Khopoli and Poona

75—5—90

(2) Four Fishermen at Rs 17 per mensem

(3) Two Watchmen at Rs 17 per mensem

8 *How staff to be obtained*—By advertisement or from disbanded staff in offices established for war

II *Rough estimate of cost at existing rates for each year of the First Five Year Plan*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1,00,000					1,00,000
(b) Recurring	5,112	5,112*	5,112	5,112	5,112	25,560
Total	1,05,112	5,112	5,112	5,112	5,112	1,25,560

\* Cost of two fish farms at Khopoli and Poona

† Lay and allowances to the staff at two—

	Rs
Farms	3,712
Contingencies	1,400
	5,112

*To what extent is the scheme productive and/or cost recoverable*—The scheme afford suitable jobs and opportunities of taking up profession connected with fishing, to hereditary fishermen and other enterprising youths now in the army and land forces. The scheme will be more than self supporting.

*Nature of material, machinery, etc., needed from*—

(a) *Abroad*—Nil

(b) *Locally*—Fishing nets, apparatus and equipment

*Any other remarks or information*—Orders according administrative approval of the scheme as a post-war reconstruction measure are being issued. The scheme of establishing a fish farm at Khopoli was approved by Government in 1941 but on account of the high cost of building materials and other essential equipments the scheme was postponed for the duration of the war and is now included in the post-war reconstruction programme.

## SCHEME No. 69.

1 *Department*—General Department (Industries)

2 *Scheme*—Fisheries (Improvement of fishing methods)

3 *Brief description of the scheme*—It is proposed to develop marine fisheries of the Province on modern lines by power fishing with improved types of net as Danish Seine, Purse Seine, Draft net, long lines etc. The scheme is divided into 3 parts viz,

(1) Improvement of fishing methods

(2) Development of Inland Fisheries at Khopoli and Poona

(3) Study of Marine Biology and the establishment of an aquarium

4 *Areas selected for application*—Arabian Sea

5 *Other Departments concerned*—Nil

6 *Upper staff for planning and/or execution of the scheme*—

(a) *For Planning*—Nil

(b) *For execution*—(1) Master Fisherman on pay including overseas pay Rs 500 per mensem subject to consideration when the appointment is actually made

(2) One Deputy Director of Industries for the execution of this scheme also with other industrial schemes

7 *Lower staff for planning and/or execution of the scheme*—

(a) *For planning*—Nil

(b) *For execution*—

Staff	Scale of pay
	Rs
(1) One Assistant Biologist	130—10—170
(2) One Mechanical Driver	60—5/2—90
(3) One Clerk	50—5/2—90
(4) One Tindal	50—2—60
(5) One Oilman	25 per mensem
(6) One Boatman	30 per mensem
(7) Two fishermen deckhands	20 per mensem
(8) One peon	19 per mensem

8 *How staff to be obtained*—By advertisement or from disbanded staff of offices established for War

*Rough estimate of cost at existing rates for each year of the first five Year*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	2,650					2,650
Recurring	22 0 0	22 0 0	22 0 0	22 0 0	22 0 0	1,10 2 0
Total	2 17 36	22 0 0	22 0 0	22 0 0	22 0 0	1 62 960

	Rs
Cost of a vessel with Diesel engine	40 000
Cost of nets	5 000
	1,000
and for his Journey from	750
Advertisement and interview charges for selection of the Master and his man	400
Reputation of the Fisheries Officer to a foreign country	5 000
	52 650
Pay of establishment	11 700
Allowances and honoraria	400
Contingencies	9 600
	22 050

*To what extent is the scheme productive and/or cost recoverable—The scheme afford suitable jobs and opportunities of taking up profession connected with fishing industry to hereditary fishermen and other enterprising youths now in the land forces*

*Nature of material machinery etc needed from—*

(a) *Abroad*—Marine diesel engines and spare parts of the same are not available with local agents of foreign firms or with the Royal Indian Navy

(b) *Local*

trative approval  
ued

himself is a postman

## SCHEME No. 70.

- 1 *Department*—Educational Department (Industries)  
 2 *Scheme*—Re organisation of the R C Technical Institute, Ahmedabad  
 3 *Brief description of the scheme*—Ahmedabad being a big Textile centre it proposed to re organise the R C Technical Institute and the following courses be taught in it—

- (a) Mechanical and Electrical Engineering  
 (b) Cotton, Spinning and Weaving, Bleaching, Dyeing, Finishing and Print of Textiles

The duration of the above courses would be 4 years in each case. During 4th year the candidates before taking the final examination will be required to undergo six months' practical work in Industry. The scheme is to be carried out in three stages.

- 4 *Areas selected for application*—Ahmedabad  
 5 *Other Departments concerned*—Public Works Department in respect of preparation of plans and estimates for the buildings in connection with the scheme.  
 6 *Upper staff for planning and/or execution of the scheme*—(a) The Director of Industries for planning and execution of this scheme along with other industrial schemes

- (b) For execution of scheme

One Principal at Rs 600 in the scale of Rs 300—900 (The Principal will be head of all the Department, i.e., Engineering, Textile, Dyeing, Bleaching, Finishing Departments)

- 7 *Lower staff for planning and/or execution of the scheme*—

- (a) For planning—Nil

- (b) For execution—

Designation	Number of appointment	Scale of pay
(1)	(2)	(3)

Rs

*First Stage Engineering Department*

- (a) *Mechanical Section*—

Mechanical Superintendent	1	170—500
Assistant (Mechanics and Technology)	1	130—200
Foreman Instructor	1	70—3—130
Mechanics	4	60—3—75
Hamals	2	20

- (b) *Electrical Section*—

Electrical Superintendent	1	170—500
Assistant (Electrical Engineer)	1	130—10—200
Foreman Instructor	1	70—3—130
Electrical Laboratory Assistants	2	60—3—75
Hamals	2	20

Designation (1)	Number of appointment (2)	Scale of pay (3)
--------------------	---------------------------------	---------------------

Rs

*Textile Department*

Superintendent	1	170—500
Assistant (Weaving)	1	130—10—200
Assistant (Spinning)	1	130—10—200
Foreman Weaving Instructor	1	70—3—130
Foreman Spinning Instructor	1	70—3—130
Section Operatives and Fitters	6	60—3—75
Hamals	2	20

*Dyeing, Bleaching and Finishing Department*

Superintendent	1	170—500
Assistant (Chemistry and Dyeing)	1	130—10—200(184)
Foreman Instructor	1	70—3—130(99)
Laboratory Assistant	1	60—3—75 (72)
Laboratory Hamals	2	20
Part time Teacher in English	1	40—2—50

*Non-Technical Staff*

Head Clerk	1	95—5—125(122)
Senior Clerk	1	60—5/2—75(68)
Junior clerk	1	25—5/2—55(46)
Peons	2	19 and 18
Watchman	1	17
Waterman	1	15
Gardner	1	20
Hamal for Hostel	1	16
Sweepers	2	16 and 15

*Additional staff for the Second Stage*

<i>Mechanical Section—</i>	1	130—200
Assistant (Mechanical Drawing)	2	60—3—75
Mechanics		
<i>Electrical Section—</i>	1	130—200
Assistant (Physics and Mathematics)		
<i>Textile Department—</i>	2	60—3—75
Section Operatives and Fitters		
<i>Dyeing, Bleaching and Finishing—</i>	1	130—200
Assistant (Printing)	1	60—3—75
Laboratory Assistant		
<i>Non Technical Staff—</i>	1	30—5/2—80
Store Keeper	1	30—5/2—75
Librarian		

8 *How staff to be obtained—By public advertisement*

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan*

	1st year	2nd year	3rd year	4th year	5th year	T
	Rs	Rs	Rs	Rs	Ps	P
(a) <i>Capital—</i>						
(1) Buildings	53 400	53 600*	1 10 400			
(2) Furniture and Fittings	2 500	2 500	1 500			
(3) Equipment	98 400	6 500	1 4 600			
	1 60 300	1 61 600	2 55 500			
(b) <i>Recurring—</i>						
Average cost of staff per annum	58 350	58 350	0 602	0 6 "	0 60	34
Additional average cost for additional staff for the second stage		12 31-				
		70 66-				
<b>Total</b>	<b>2 18 650</b>	<b>2 32 952</b>	<b>3 30 152</b>	<b>0 607</b>	<b>0 607</b>	<b>7-</b>

10 *To what extent is the scheme productive and/or cost recoverable—*  
Rs 7 000 in the first year of the reorganisation of the Institute are expected in shape of fees and the realisation in the fourth year will be approx Rs 16 800 per annum

11 *Nature of material machinery etc needed from—*

(a) *Abroad—*Lathes looms dyeing and bleaching plants, electrical equipment engines generators etc and machine tools

(b) *Locally—*Working benches small tools and other fittings

12 *Any other remarks or information—*The scheme has been administratively approved as a post war reconstruction measure. The Returned soldiers take full advantage of the Institution



# 115 **SCHEME No. 71.**

1. *Department.*—Educational Department (Industries).
2. *Scheme*—Extension of Apprentice Scheme.
3. *Brief description of the scheme*—It is proposed to extend the existing apprentice scheme in places where facilities are available. The apprentice scheme comprises the acceptance by a number of industrial establishments of boys, whose education has progressed up to about the 7th English standard, for training for a period of about 5 years. The scheme is that these boys will be bound by the terms of an agreement to attend technical classes in the evening during the whole period of their training. Under this arrangement their practical and theoretical training will be carried on simultaneously. The number of boys to be taken up will be approximately that which can be absorbed in the industries concerned after the end of their training is over.

4. *Areas selected for application*—(1) Sholapur, (2) Poona, (3) Hubli, (4) Satara, (5) Dhulia, (6) Jalgaon, (7) Surat, (8) Bijapur.

5. *Other Departments concerned*—The Public Works Department in respect of the preparation of the plans and estimates for the buildings (sheds) required to be constructed for the evening technical classes to be held at the centres in question.

6. *Lower staff for planning and, or execution of the scheme*—Technical and clerical staff at each centre—

- (i) 14 Part time teachers at a flat rate of Rs 3 per hour.
- (ii) 6 Part time Hamals (Part time laboratory assistants and balmals to be paid at the rate varying from annas 4 to Rs 1-4-0 per hour according to the nature of work. The actual rate to be determined by the Director of Industries)
- (iii) One Clerk at Rs 25-5/2-55

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	Rs	Rs	Rs	Rs	Rs.
(a) Capital	4,56,690					4,56,690
(b) Recurring	32,208	51,648	69,616	95,712		2,49,134
<b>Total</b>	<b>5,18,598</b>	<b>51,648</b>	<b>69,616</b>	<b>95,712</b>	<b>..</b>	<b>7,35,574</b>

10 per cent.

# 11 Nature of material machinery etc , needed from—

(a) *Abroad*—Machinery required for Engineering Workshop Electr Workshop and Textile machinery

(b) *Locally*—Working benches and other small equipment

12 *Any other remarks or information*—The industrial establishments in particular centre will have to agree to co operate in the scheme and between th they will have to agree to admit 50 boys per year each centre The approx number of boys proposed to be put under training during the five years is as follows

	1st year	2nd year	3rd year	4th year	5th year
Centre	50	50 New 40 From previous year	50 New 76 From pre vious year	50 New 115 From pre vious year	
Total	50	90	126	165	

The courses of training at present proposed are—

(1) Mechanical and Related Trades

(2) Electrical and Related Trades

(3) Weaving, Spinning and Dyeing Departments in Textile Mills The sch has been administratively approved as a post war reconstruction measure scheme is suitable for soldiers

## SCHEME No. 72.

- 1 *Department*—Labour Office and Factory Department
- 2 *Scheme*—Extension of Payment of Wages Act and enforcement of Trade Minimum Wages and of compulsory standing orders in factories in the
- 3 *Brief description of scheme*—The Payment of Wages Act provides for its to industrial establishments but hitherto it has not been possible do so because of the lack of adequate machinery for its enforcement. The ion of setting up trade boards in industries to regulate minimum wages and compelling factories to frame standing orders has been discussed at the ling Labour Committee meeting and it is possible that effect may be given the proposals. It would be necessary, therefore, to set up machinery for this purpose
- 4 *Areas selected for application*—It may be possible to select particular industrial areas like Bombay, Ahmedabad, Sholapur and the Khandesh centres; but in some cases it may be found necessary to cover the whole Province
- 5 *Other departments concerned*—Nil
- 6 *Upper staff for planning and/or execution of scheme*—One Senior Inspector Factories and three Junior Inspectors
- 7 *Lower staff for planning and/or execution of scheme*—Additional clerical staff and peons would be required both for (a) and (b) but it would be difficult to state the number at this stage
- 8 *How staff to be obtained*—Army if possible or by recruitment locally
- 9 *Rough estimate of cost for 5 years*—Rs 2 25 000
- 10 *To what extent is the scheme productive and/or cost recoverable*—Nil
- 11 *Nature of materials machinery etc needed from*—
  - (a) *Abroad*
  - (b) *Locally*
- 12 *Any other remarks or information*—The scheme has not yet been finally approved by Government

## SCHEME No. 73.

- 1 *Department*—Labour Office
- 2 *Scheme*—Extension of the Bombay Industrial Disputes Act and Recognition of Trade Unions
- 3 *Brief description of scheme*—Hitherto the Bombay Industrial Disputes for settlements of trade disputes has been extended only to certain industries and it is proposed that it should be extended to cover other industries. Government of India have also introduced a Bill to amend the Trade Unions to provide for compulsory recognition of trade unions and machinery will have to be set up to deal with the recognition of trade unions when the Bill is enacted into Law
- 4 *Areas selected for application*—The whole Province will have to be covered but in practice only certain industrially important areas like Bombay, Ahmedabad and Sholapur may be particularly affected
- 5 *Other departments concerned*—
- 6 *Upper staff for planning and/or execution of scheme*—1 Assistant Commissioner of Labour and 2 Assistant Government Labour Officers
- 7 *Lower staff for planning and for execution of scheme*—Additional clerical staff and peons would be required both for (a) and (b) but it would be difficult to state the number at this stage
- 8 *How staff to be obtained*—Army, if possible, or by recruitment locally
- 9 *Rough estimate of cost for five years*—About Rs 1,50,000
- 10 *To what extent is the scheme productive and/or cost recoverable*—Nil
- 11 *Nature of materials, machinery etc, needed from—*
  - (a) *Abroad*—Nil
  - (b) *Locally*—Nil
- 12 *Any other remarks or information*—The scheme has not yet been finally approved by Government

## SCHEME No. 74 (I).

*Completion of the 'A' type Labour Welfare Centre at Sholapur*

*Brief description*—This scheme is aimed at bringing the new 'A' type centre at Sholapur into line with the existing "A" type centre in Bombay. The improvement includes a gymnasium building with a wrestling pit and a block of shower and a properly equipped children's playground. The servants' quarters will be provided at the centre.

*Areas selected for application*—Sholapur

*Other Departments concerned*—Public Works Department

*Upper Staff for planning and/or execution of the Scheme*—Nil

*Lower Staff for planning and/or execution of the Scheme*—Nil

*How staff to be obtained*—

*Rough estimate of cost at the existing rates for each year of the First Five Year*

	1st year	2nd year	3rd year	4th year	5th year	Total
Estimated cost	41 000	1 000	1 000	1 000	1 000	45 000

*To what extent the scheme is productive and/or cost recoverable*—Not productive.

*Nature of machinery etc needed from—*

i) *Abroad*—

ii) *Locally*—Centre to be completed with materials obtained locally

## SCHEME No. 74 (II).

*Additions and Alterations to the Recreation Centre at Ahmedabad*

1 *Brief description*—This scheme concerns the removal of the structural defects of the present "A" with regard to the gallery. It is proposed the erection of a properly equipped children's playground and the building a line of servants' quarters.

2 *Areas selected for application*—Ahmedabad

3 *Other Departments concerned*—Public Works Department

4 *Upper Staff for planning and/or execution of the scheme*—Nil

5 *Lower Staff for planning and/or execution of the scheme*—Nil

6 *How staff to be obtained*—

7 *Rough estimate of cost at the existing rates for each year after the first Five Plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	36 000					
Non recurring						
Recurring						

8 *To what extent the scheme is productive and/or cost recoverable-productive*

9 *Nature of machinery, etc., needed from—*

(a) *abroad*—

(b) *locally*—Centre to be completed with materials obtained locally

# SCHEME No. 74 (III).

Establishment of one "B" type Centre each at Broach, Barsi, Amalner, Viramgaum, Surat, Jalgaon, Dhulia, Nadiad and Hubli and three such Centres in Bombay

*Brief description*—This scheme covers the erection of three "B" type centres and a similar centre each at Broach, Surat, Amalner, Hubli, Viramgaum, Barsi. A "B" type welfare Centre is of a small scale. All the outdoor and indoor equipment is simple. A "B" type centre lacks a large hall but has a large main hall with a wooden platform, a single storeyed building with a wrestling pit, shower bath, children's playground and servants' quarters.

Sholapur, East Khandesh and West Khandesh districts and Bombay City  
Public Works Department

*Upper staff for planning and execution of the scheme*—As shown in the following table

Five Year Plan—						
	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	1,50,000	1,50,000	42,000	42,000	42,000	5,04,000
Recurrent		6,150	58,070	64,300	1,330	2,19,050
Current		30,588	41,144	41,000	41,716	1,54,448

*To what extent the scheme is productive and/or cost recoverable*—Not productive

*Nature of machinery etc. needed from—*

- (1) Abroad—
- (2) Locally—Material available locally

*Remarks for information—*

## \*STATEMENT OF STAFF FOR A "B" TYPE CENTRE

### Superior Staff

	Bombay scale	Mofussil scale
	Rs	Rs
Welfare Superintendent	75-3-115	50-3-74
Woman Welfare worker	50-3-74	50-3-71

### Part time

Outdoor games teacher	15	15
Indoor games teacher	15	15
Librarian	15	15
Children's playground overseer	15	15

### Inferior Staff

ayah	25	17
Cleaner	23	17
Sweeper	21	15

## SCHEME No 74 (IV).

SCH EME Opening of two additional "A" type centres one at Ahmedabad and the other at Sholapur

1 *Brief description*—The scheme concerns the erection of one additional "A" type centre at Ahmedabad and one additional centre at Sholapur. The present "A" type centre at Ahmedabad leased by the Ahmedabad Municipality to Government is situated at a place which is out of the way for the majority of the workers living in Ahmedabad. It is desirable to erect one additional centre in some locality where it will be widely used by the cotton mill workers. The present "A" type centre at Sholapur is situated in a predominantly handloom weavers locality. It is accordingly proposed to have an additional "A" type centre at Sholapur in a place near the heart of the town and accessible to a majority of industrial workers.

2 *Areas selected for application*—Ahmedabad and Sholapur

3 *Other Departments concerned*—Public Works Department

4 *Upper Staff for planning and/or execution of the scheme*—Statement attached

5 *Lower Staff for planning and/or execution of the scheme*—Statement attached

6 *How staff to be obtained*—To be recruited locally

7 *Rough estimate of cost at the existing rates for each year after the first five years plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	
Capital	40 000	4 000	31 000	51 000		
Non recurrent		6 750		11 750		
Recurrent			11 512	11 970	20 344	

8 *To what extent is the scheme productive and/or cost recoverable*—Nil

9 *Nature of material, machinery, etc. needed from—*

1 *Abroad*

2 *Locally*—Available locally

10 *Any other remarks for information*—

*Superior Staff (Full Time)*

\* A type centre at Ahmedabad

1 Welfare Superintendent

1 Nursery school teacher

1 Assistant Operator

Rs  
50—3—80  
35—3—65  
25—1—35

*(Part Time)*

1 Librarian

1 Games teachers

1 Children's playground overseer

1 Gymnasium teacher

Rs  
15  
15 each  
15  
15



*Inferior Staff*

	Rs
1 Ayah	11
1 Sweeper	11
1 Watchman	11

*Superior Staff (Full Time)*

## A type centre Sholapur

	Rs
1 Welfare Superintendent	50—3—81
1 Nursery school teacher	35—3—65
1 Assistant operator	25—1—35

*(Part Time)*

	Rs
1 Librarian	15
3 Games teachers	15 each
1 Children s play ground overseer	15
1 Gymnasium teacher	15

*Inferior Staff*

	Rs
1 Ayah	14
1 Sweeper	14
1 Watchman	11

## SCHEME No 74 (V)

SCHEME *Expansion of Cinema activities of the Labour Welfare Department*

1 *Brief description* — Visual instruction constitutes one of the important activities of the Labour Welfare Department. The existing equipment of the Labour Welfare Department for the staging of its Cinema shows is considered inadequate. It is proposed to expand the cinema activity of the Department to Sholapur and other mofussil centres. This requires a sufficient stock of films and reels. The existing equipment in respect of projectors is deteriorating. It is accordingly proposed to purchase good projectors with talkie equipment.

2 *Areas selected for application* — All the areas in the province that are covered by the activities of the Labour Welfare Department.

3 *Other Departments concerned* —

4 *Upper staff for planning and/or execution* — Three motor drivers on scale Rs 50—2—70.

5 *Lower staff for planning and/or execution of the scheme* — Nil.

6 *How to obtain staff* — To be recruited locally.

7 *Rough estimate of cost at the existing rates for each year after the First Five Year Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	1 25 000					1 00 000
Non recurrent						
Recurrent	37 944	37 944	3 944	37 944	3 944	1 59 000

8 *To what extent is the scheme productive and/or cost recoverable* — Not productive.

9 *Nature of material, machinery etc. needed from* —

(1) *Abroad* — Cinema projectors and accessories will be obtained from abroad.

(2) *Locally* — Three motor trucks for carrying talkie projectors will be obtained from demobilised war material.

10 *Any other remarks or information* —

## SCHEME No. 74 (VI).

SCHEME. Establishment of 15 additional 'C' type centres each at Bombay City and Ahmedabad and 3 at Sholapur

Brief description — A 'C' type Centre — is a small welfare centre in which indoor activities like library, musical entertainments and women's and tailoring classes are carried on in these centres

Areas selected for application — Bombay City, Ahmedabad and Sholapur

Other Departments concerned — No other Department is concerned

Upper staff for planning and/or execution of the scheme — Statement attached

Lower staff for planning and/or execution of the scheme — Do

How staff to be obtained — Locally

Rough estimate of cost at existing rates for each year of the First Five-Year

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
tal						
recurrent	5600	5600	5600			16950
urrent	2898	500	1364	56364	56364	3,30,456

To what extent is the scheme productive and/or cost recoverable — Nil

Nature of material machinery etc needed from—

1) Abroad —

2) Locally — Available locally

Any other remarks or information

	STATEMENT	Rs	Rs
bay			19,400
aff—			
1 Welfare Organizer (60—3—90)		60	
1 Cleaner at Rs 23 per mensem		23	Inferior Staff
1 Part-time Librarian		15	
1 Part time Games Supervisor		15	
1 Part time Lady Worker		20	
		133 × 12 = 1,596	
		1,596 × 6 = 9576	
		or Rs 9,600	

*Ahmedabad*

Rs

Rs  
45 00*Staff—*

1 Welfare Organiser (30—3—60) (30 × 1)

30

1 Part time Games Teacher

10

1 Part time Sewing Class Mistress

10

1 Cleaner (full time)

17 Inferior Staff

---


$$77 \times 12 = 924 \times 6$$

$$= \text{Rs } 5544 \text{ or Rs } 5544$$

*Sholapur**Staff—*

1 Welfare Organizer (30—3—60) (30 × 1)

30

1 Lady Part time Worker

15

1 Cleaner (full time)

14 Inferior Staff

1 Part time Games Teacher

15

---


$$74 \times 12$$

$$= \text{Rs } 888 \times 3$$

$$= \text{Rs } 2664 \text{ or Rs } 2664$$

## SCHEME No. 74 (VII).

*Construction of a Swimming Pool at Worli*

1

facilities at present, as the only recourse for baths is to water taps at the build-  
 or chawls where they reside. It is accordingly proposed to satisfy this need  
 the construction of a swimming pool at Worli, Bombay.

2. Areas selected for application — Bombay

3. Other Departments concerned — Public Works Department

4. Upper staff for planning and/or execution of the Scheme —

Superior Staff:—

	Rs.
1 Supervisor	75—5—115 per mensem
1 Instructor	60—3—84 „ „

5. Lower staff for planning and/or execution of the scheme —

Inferior Staff:—

	Rs.
1 Watchman	23 per mensem
1 Sweeper	21 „ „
4 Cleaners	23 „ „ each

6. How staff to be obtained — Locally

7. Rough estimate of cost at existing rates for each year of the First Five-Year Plan —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	50,000	50,000	50,000			1,50,000
Non recurrent			1,000			1,000
Recurrent			5,944	5,944	5,944	17,832

8. To what extent the scheme is productive and/or cost recoverable — Not productive

9. Nature of machinery, etc., needed from—

(a) abroad —

(b) locally — This will be completed from material obtained locally

# 150 **SCHEME No. 75.**

- 1 Department—Public Works Department
  - 2 Scheme—Buildings
  - 3 Brief description of scheme
  - 4 Areas selected for application
- } As per statements I III and IV attached
- 5 Other Departments to be consulted—R D, G D, E D, P & S D H  
and F D
- 6 Upper staff for planning and/or execution of the schemes
- 7 Lower staff for planning and/or execution of the schemes
- 8 How staff to be obtained
- } Vide Statement attached
- 9 Rough estimates of cost at existing rules for each year of the First Five  
Plan—

	Rs in lakhs					
	1st year	2nd year	3rd year	4th year	5th year	Total
(a) Capital	08	08	14	58	08	200
(b) Recurring —						
(i) Works	Not worked out					
(ii) Establishment	0 6	1 10	1 2	1 2	1 2	5

10 To what extent is the scheme productive and/or cost recoverable—Generally the buildings constructed for administrative purposes will not be directly productive. Those intended for residential purposes will bring in some return way or rent.

11 Nature of material, machinery, etc., needed from—

- (a) Abroad
  - (b) Locally
- } Vide statement B attached

12 Any other remarks or information—The rough estimates of costs for each the 2nd and 3rd 5 year periods are Rs 406 lakhs and Rs 465 lakhs respectively.

2 It is not easy at this stage to fix the priority regarding the construction buildings in the post war period. Much will depend on the order in which the post war schemes are taken up and this will depend in turn on the circumstances prevailing at the time, e.g., the availability of staff, materials, funds, etc. The following broad principles will however be observed in determining the order of priority.

The buildings connected with special priority schemes will come first.

Next in order of importance will come all buildings necessary for the execution of the schemes included in the first five year plan. In determining the priority buildings in this general category, the following order will be adopted.

Buildings necessary for—

- (a) 'Concentrated area' schemes,
- (b) All Province Schemes,
- (c) Particular areas schemes

Further the priority *inter se* of buildings included in each of the above three categories be fixed according to the general order of priority proposed to be adopted for allocation of post war funds, viz—

(i) Communications (i.e. buildings for staff, etc., engaged on road development projects)

(ii) Agriculture

(iii) Public Health

(iv) etc. etc.

ices rest houses, etc.”

3 The details regarding cost and staff are only tentative and have not yet been finally approved by Government

**STATEMENT I Special Priority Schemes**  
**Scheme No 75**

Sl. No.	Name of building and the locality	Estimated cost (approximate)	Other Department to be consulted
2		1	4
		Rs.	
1	Buildings for the expansion of the Engineering College Poona	8 20 000	Educational Department
2	Buildings for the expansion of the Agricultural College Poona—		Revenue Department
	(i) Agriculture College proper	8 73 200	
	(ii) Government farm at Manjri near Poona	1 96 500	
3	Inspectors etc	2 00 000	General Department
4	Buildings for a College of Nursing at Satara	50 000	General Department
	Total	18 35 500	

\* Expenditure to the extent of Rs. 50,000 on Building works and Rs. 10,000 on Furniture is been authorised in the year 1944-45

# SCHEME No 75

## Statement III—Schemes for Particular areas

Serial No	Name of the building and the locality	Estimated cost (approximate)	Other Department to be concerned
1	2	3	4
		Rs	
1		341 000	Education
2		350 000	Do
3			
4		200 000	Home
5		200 000	Police
5A		100 000	General
6		114 000	Educational
		30 000	Do
7		60 000	Do
8	and of the	126 000	Do
9	of the J J	4 000	General
	Hospital Bombay		
10	Hostel for 40 lady students Grant Medical College Bombay	136 000	Do
11	Outpatients Department at the Goculdas Tejpal Hospital, Bombay	231 000	Do
12	Administrative Block at the Cama and Albion Hospital, Bombay	37 000	Do
13	Additional accommodation for Motor Vehicles and Taxation Office at the Headquarters Police Station Bombay	115 000	Home
14	Additional Storey to Bungalow Land's End House Bombay	20 000	Public Works
15	at	27 000	Home
16	New	80 000	General
17	at police	283 000	Home
18	at Jalgaon		
18	Construction of Servants quarters in the compound of the Civil Hospital Dharwar	10500	General
19	Construction of a bungalow for the Civil Surgeon at Dharwar	20000	Do
20	Constructing quarters for 41 servants 1 Nurse and 1 clerk in the Mental Hospital, Dharwar	69 000	Do
21	Additions and alterations in providing a first floor to the Deputy Educational Inspector's office at	1-300	Educational
22		47 000	Home
23		59 800	Do
24		404 482	Do
	at Dharwar		
25	Constructing new Office room and a garage for the Divisional Forest Officer at Dharwar	11 600	Revenue
26	Construction of 6 1st class Bungalows at Dhruva Sholapur Jalgaon Dandori Madha and Niphad	150 000	Do
27	Conversion of 3 bungalows at Mabe Jalgaon, Shahada and Jamkhed into 1st Class Bungalows	30 000	Do
28	Construction of 18 Pest Houses	360 000	Do
29	Development of Irand Tank site and construction of stables and other buildings	437 000	General
30	Construction of Irand College at Indhri	100 000	Educational



Name of the building and the locality.	Estimated cost (Approximate)	Other Department to be consulted
Buildings to house Remand Home, Office and paid Probation Officer's quarters in 50 per cent of the Districts of the Province at a cost of Rs 10,000 per District	4,00,000	Home
Extension of buildings to be used for certified school at Jamnab.	50,000	Do.
Extension of Remand Home at Umerkhadi	50,000	Do
New (additional) Remand Home (Probably for girls only) in Bombay	2,00,000	Do
Construction of a Girls' Home (certified school for girls) in Bombay	1,00,000	Do
Construction of a Girls' Home (certified school for girls) in Act	40,000	Do
Construction of a Girls' Home (certified school for girls) in Act	25,000	Do
Construction of new buildings for the accommodation of District and Sub Judge's Court at Sholapur	1,99,00,000	Do
Providing a storey to the Sub Judge's Court at Borsad, District Kaira		
Bombay City Police building works		
District Police Lines at 11 places		
Construction of a new Sub Jail at Nank	50,00,000	Do
Electric lighting to be provided at Dhulia District Prison		
Scheme for separation of habituals from casuals		
to a Borstal		
at Yeravada	2,00,000	Do
all at Poona		
your Welfare		
at Bombay.		
etional work	30,000	Do
isting Work	31,500	Do
at Ahmed	1,00,000	Do
Opening of an additional 'A' type centre at Sholapur	1,00,000	Do
Opening of a Government Industrial Training Work shop at Sholapur	75,000	Do
A swimming pool to be attached to the 'A' type centre at Work	1,00,000	Do

Serial No	Name of the building and the locality	Estimated cost (Approximate)	Other Departments at to be consulted
1	2	3	4
		Rs	
68	Construction of 90 Rural Development godowns	4 50 000	Revenue
69	Extension of Industrial Housing Scheme Provision of 48 chawls of 80 rooms each	52 00,000	Public Work
70	Construction of buildings for 33 Cottage Hospitals	33,00 000	General
71	Construction of buildings for the Colleges of Nursing at Broach	50 000	Do
72	Buildings required in connection with the conversion of the B J Medical School, Poona, into a Medical College	2 62,600	Do
73	Construction of an additional wing at the Sassoon Hospitals, Poona	1,20,000	Do
74	Construction of a Medical College at Ahmedabad	19 00 000	Do
75	Removal of Mental Hospital and Leper Hospital, Ahmedabad to a new site	6 00,000	Do
76	Expansion of Mental Hospital, Thana	1,25 000	Do
77	Improvement of water supply at the Silver Jubilee Leper Hospital Sanleshwar	13,500	Do
78	Improvement to Civil Hospital, Godhra	29 500	Do
79	Construction of sheds for a dairy at the Mental Hospital, Yeravda	15 000	Do
80	Construction of a dairy at the N M. Mental Hospital, Thana.	5 000	Do
81	Reconstruction of J J Hospital and Grant Medical College Bombay	30,00 000	Do
82	Construction of a building in the J J or St George's Hospital compound for the Office of the Surgeon General, Director of Public Health, Bombay Medical Council, etc	12 50 000	Do
83	Construction of quarters for the staff of all Government Hospitals who are not provided with quarters at present		
84	Industrial School, Hubli	43 000	Educational
85	Reorganisation of R C Technical Institute, Ahmedabad	2,52,400	Do
86	Aquarium in Bombay	82,000	General
87	Fish Farm, Khopoli	60,000	Do
88		60,000	Do
89	perimental	60,000	Revenue
90		4,15,000	Do
91	to Elec	5,000	Public Work
92	Proposed New quarter for Sub-Divisional Officer, his office and other subsidiary structures at Malegaon	20 000	Do
93	Constructing quarters for Inspector, Mesagrar and Keyman for Water Course 27, Pravara Right Bank Canal	2 485	Do
94	Do do at Masalwadi	6,153	Do
95	Additions and alterations to Sub-Divisional Officer's office at Deolali Pravara Right Bank Canal	990	Do
96	Additions and alterations to the Store House in the compound of Sub-Divisional Officer's office at Ahmednagar	2,219	Do
97	Mohamad Ali Road Police Scheme, Bombay	Cost not worked out	Home
98	Court Buildings at Solapur	Do	Do
99	Sydenham College of Commerce, Bombay	Do	Educational
100	Poona Regional Office	Do	Home
101	Six Sub regional offices	Do	Do

Serial No	Name of the building and the locality	Estimated cost (Approximate)	Other Department to be consulted
1	2	3	4
		Rs	
102	Bombay Regional Office	Cost not worked out	Home
103	"	Do	Do
104	"	Do	Do
105	"	Do	Do
106	"	Do	Do
107	ment " " " "	Do	Revenue
108	"	Do	Home
109	"	*Do	All Departments
110	Ambulance Services at District Headquarters Hospitals	37,000	General
111	"	17 0-4	Revenue
112	"	41 574	General
113	"	2 10 000	Home
114	" at	1,20 000	Revenue
15	"	30 000	Do
16	"	1,50 000	General
17	"	12 000	Revenue
18	"	12 000	Do
	Total	6 88 30 618 +	cost of uncosted buildings

\* the present office accommodation both in the Civil and the Public Works Department Secretariat is very inadequate and some of the officers are housed in hired accommodation it is very desirable to extend the Secretariat Offices in Bombay

#### Statement IV — Schemes for Concentrated areas

Sl. No.	Name of building and the locality	Estimated cost (approximate)	Other Department to be consulted
1	2	3	4
Inspection and District bungalows in —		Ra.	
1	Poona District	90 000	Revenue and Public Works
2	Satara District	1,50 000	
3	Sholapur District	1,50 000	
4	Ahmednagar District	1,00 000	
5	Inspection bungalows at Ratnagiri and Kolad	31 164	Public Works
6	Secondary College at Belgaum	(Not worked out but assume)	Educational
		25 000	
7	Civil Hospital at Bijapur Outpatients' Block	79 776	General
8	Police lines at Beha	10 172	Home
9	Repairs to the Collector's Quarters at Ratnagiri	60,000	Revenue

Serial No	Name of the building and the locality	Estimated cost Approximate	Other Department to be consulted
1	2	3	4
		Rs	
10	Rebuilding of taluka Kacheri at Malvan	75 000	Revenue
11	Constabulary quarters and well at Amingad, District Bijapur	15,628	Home
12	Constabulary quarters and well at Kerur, District Bijapur	18,666	Do
13	Inspection bungalow with outhouses and a well at Talikot, District Bijapur	16,369	Public Works
14	Addition and alterations to the Sub Judge's Court at Belgaum	39,061	Home
15	Conversion of the bungalow at Khed into a first class bungalow	10,000	Revenue
16	Building for Certified School at Malsiras, District Sholapur	2,00 000	Home
17	Hostels for children of Indian Soldiers at 14 different places	1,75,000	Do
18	Court house for subordinate Judge's Court at Chikodi, District Belgaum	50,925	Do
19	Court house for the Subordinate Judge's Court at Rahuri, District Ahmednagar	37,509	Do
20	District Police Lines at 7 places	3 00 000	Do
21	Bungalow (for Police) at Ratnagiri	80 000	Do
		(very approximate)	
22	Provision of electric lighting at Bijapur District Prison	4,674	Do
23	One II type Labour Welfare Centre at Surat	42 000	Political Services
24	Belgaum Regional Office	(Not worked out but assume)	Home
		75 000	
25	" " " " "	21 000	Revenue
26	" " " " "	20 000	Do
27	" " " " "	4,00 000	General
28	" " " " " Bijapur District	25 000	Do
29	New outpatients Department building at Civil Hospital, Surat	30 500	Do
30	Agriculture Headquarters Industrial Section, Satara	1,46 000	Revenue
31	Agriculture Headquarters Industrial Section, Ratnagiri	1,40,000	Do
32	Industrial School Satara	7,000	Do
33		4 00 000	Educational
34		2,00 000	Do
35		12 65,000	Do
36		10,00 000	Do
37	Full Grade Primary Schools with Agriculture lines and hostels	11,00 000	Do
38	1 600 Full Grade Primary Schools Buildings in the concentrated areas in connection with scheme Nos 90 and 92	4 50 00 000	Do
39	Buildings in connection with the increase in number of beds at District Headquarters Hospitals in concentrated areas (Part I of Scheme No 20)	7 00 000	General
		5,475 000	
	Grand total of the Statements I, III and IV	11,01,45,118	
		11,61 60,000	

# STATEMENT A.

## Scheme No 75—Buildings (Establishment)—Engaged on Buildings.

Item	No and designation	Rate
		Rs.
) Upper Staff for Planning and Execution.	One Chief Engineer (also responsible for Roads, Irrigation and Public Health Schemes).	2,750—125—3,000.
	One Superintending Engineer (also responsible for Roads, and Irrigation Schemes).	1,750—100—2,150.
	One Executive Engineer	410—40—1,000.
	Three Deputy Engineers	250—20—750
) Lower Staff for Planning and Execution.	Ten Overseers	70—5—100—10—250.
	Office Staff	As per unit sanctioned in G R 6717/36 (1), dated the 17th March 1944, scales sanctioned in that G R for the various grades will be adopted

How staff to be obtained —

The technical staff would be obtained —

- (1) Partly by promotion from within the Department
- (2) Partly by recruitment from the market (thro' the P. E. C) of men without war or Defence Force Services
- (3) Partly by recruitment of men from the market or direct from the Defence Force (thro' the P. E. C) of men with war service The ration between 2 and 3 will be fixed 50 : 50 for the time being

Rough estimate of cost at the existing rates for each year of the first five-year planning —

	1st year	2nd year	3rd year	4th year	5th year
	In lakhs of rupees				
curring	0.0	1.1	1.2	1.2	1.2

Note:—(The expenditure under the 1st and 2nd Year in India the proportionate cost of the staff responsible for roads and irrigation schemes)

Serial No	Name of the building and the locality	Estimated cost Approximate	Other Department to be consulted
1	2	3	4
		Rs	
10	Rebuilding of taluka Kacheri at Malvan	75 000	Revenue
11	Constabulary quarters and well at Amingad District Bijapur	15 628	Home
12	Constabulary quarters and well at Herur District Bijapur	18,666	Do
13	Inspection bungalow with outhouses and a well at Talukot, District Bijapur	18 399	Public Work
14	Addition and alterations to the Sub Judge's Court at Belgaum	39 061	Home
15	Conversion of the bungalow at Khed into a first class bungalow	10 000	Revenue
16	Building for Continued School at Malharas, District Sholapur	2 60 000	Home
17	Hostels for children of Indian Soldiers at 14 different places	1,70 000	Do
18	Court house for subordinate Judge's Court at Chikodi District Belgaum	50 925	Do
19	Court house for the Subordinate Judge's Court at Rahuri District Ahmednagar	37 509	Do
20	District Police Lines at 7 places	3 00 000	Do
21	Bungalow (for Police) at Ratnagiri	50 000	Do
		(very approximate)	
22	Provision of electric lighting at Bijapur District Prison	4 674	Do
23	One B type Labour Welfare Centre at Surat	42 000	Political Services
24	Belgaum Regional Office	(Not worked out but assume) 5 000	Home
25		21 000	Revenue
26		30 000	Do
27		4 00 000	General
28	District Bijapur	20 000	Do
29	New outpatients Department building at Civil Hospital Surat	20 000	Do
30	Agriculture Headquarters Industrial Section, Satara	1 46 000	Revenue
31	Agriculture Headquarters Industrial Section Ratnagiri	1 40 000	Do
32	Industrial School Satara	5 000	Do
33	"	4 00 000	Educational
34	"	2 00 000	Do
35	"	1 65 000	Do
36	"	10 0 000	Do
37	Full Grade Primary Schools with Agriculture bias and hostels	11 00 000	Do
38	1 600 Full Grade Primary Schools Buildings in the same	4 50 00 000	Do
39	Library in	50 000	General

Grand total of the Statements I, III and IV

11 61 4 118  
11 61 00 000



## STATEMENT B

## SCHEME No 75

## Buildings

*Materials required*

	In the first 5 years period of the Scheme	For the whole Scheme
	Tons	Tons
Cement	60 000	200 000
Steel	12,000	40,000

*Plant required*

	In the 1st 5 years of the 1st 5 yr period of the Scheme
Lorries	36 Nos
Stone crushers	6 ,
Saw benches	2
Rock drills	12 ,
Concrete mixers	10
Pile driving plant	1 No
Pumping plant for foundations etc	1 ,

Note —The above information involves a large number of important assumptions which may not prove accurate in practice. Therefore the data given should be considered as being approximate only and the best available at this stage.



## SCHEME No. 76.

## 1. Department—Public Works Department

## 2. Scheme—Irrigation Projects

3. Brief description of the scheme —  
 4. Areas selected for application  
 5. Other Departments concerned

} Vide Statement A attached.

## 6. Upper staff for planning and or execution of the scheme

## 7. Lower staff for planning and or execution of the scheme

## 8. How to be obtained

} The details of staff and cost have to be approved by Government.

} Vide Statement C attached.

## 9. Rough estimates of cost at existing rates for each year of the First Five Year Plan—

	1st year Rs lakhs	2nd year Rs lakhs	3rd year Rs lakhs	4th year Rs lakhs	5th year Rs lakhs	Total Rs lakhs
(a) Capital	—	92	117.5	117.5	117.5	427
(b) Recurrent—						
(i) Works		Not worked out				
(ii) Establishment	2	2	2	2	2	10

## 10. To what extent is the scheme productive and/or cost recoverable—Vide Statement attached

## 11. Nature of materials machinery etc, needed from—

- (a) Abroad —  
 (b) Locally —

} Vide Statement B attached

12. Any other remarks or information—Out of the 23 works shown in the accompanying statement A, works costing Rs 11 crores are to be selected in due course for P W R Programme It has been decided to take up the

\*1 The Gangapur Project  
 2 The Guna Project  
 3 The Mula Project

marginaly\* noted three irrigation schemes for detailed investigation and the Project Organisation has started work on surveys, etc The projects (estimates) when ready and received by Government will be further examined In this connection it is observed that Irrigation projects, being of a technical nature, a great deal of investigation has to be carried out before the schemes can assume a final form ready for execution

The question of selecting other works out of the 23 schemes referred to above is under consideration

The rough estimated cost of this scheme for the 2nd and 3rd five year periods of the P. W. R. Programme is estimated at Rs 170 lakhs and Rs. 380 lakhs respectively.

**STATEMENT**  
**SCHEME No 76**  
**Irrigation Works**

To what extent is the  
scheme productive/or  
cost recoverable

8

7

6

5

4

3

2

1

Percent

Rs in  
lakhs

**NORTHERN DIVISION**

Serial No	brief description of scheme	Area selected for application	Other Depart- ments to be consulted	Rough estimate of cost at existing rates	Recurring	Not worked out	Percent
1	Irrigation	Ka ra District	Revenue Department	—0*	Do	Do	1 2
2	Do	The Mal i Canal Project	Do	34 0*	Do	Do	2 0
3	Do	The Watral Canal Project	Do	105*	Do	Do	2 0
4	Do	The Tapla River Project	Do	88*	Do	Do	8 5
5	Do	Verdala Tank	Do	4 4†	Do	Do	
6	Do	Patadungri Tank	Do	7 6†	Do	Do	

**CENTRAL DIVISION**

Serial No	brief description of scheme	Area selected for application	Other Depart- ments to be consulted	Rough estimate of cost at existing rates	Recurring	Not worked out	Percent
7	Do	Vir Dam Project	Revenue Department	167†	Do	Do	1 84 per cent if interest on capital is disregarded
8	Do	Khadakwasla Project	Do	21†	Do	Do	2 13
9	Do	Gangapur Dam including Hydro Plant	Do	8*	Do	Do	3 6



# STATEMENT B

SCHEME No 76.

## Irrigation Works.

*Showing the nature of the machinery required in connection with Irrigation Scheme included in the Post War Programme*

Serial No	Name of machine	Numbers required
1	Mortar mills	84
2	Crushers	18
3	Electrical plant—	
	(a) Alternators	2
	(b) Switch boards	3
	(c) Induction motors	4
	(d) Transformers	3
	(e) Switches	3
	(f) 1 T single pole handle type fuses	6
	(g) Motor syran	1
4	Electric winches and motor 80 H P	6
5	Turbine plant *	1
6	Turbine pile line	1
7	Road locomotive with waggons 1	3
8	Crude oil engines with accessories	12
9	Workshop plant with all accessories	4
10	Compressors and drills	3
11	Portable steam engines of various powers	13
12	Derricks and cranes	7
13	Steam launch	3
14	Steel barges	11
15	Calvy drilling plant *	3
16	Elevators	11
17	Micellaneous plant 1 Lume brigquette *testing machine, 2 D; integretors and 1 Motor Boat engine	2
18	Motor lorries	30
19	Portable pumping sets	8
20	Frolley lines (with tipping wagons)	70 (mules)

*Note — The information given in the above statement is only a suggestion of the preliminary requirements of materials and machinery so far as can be foreseen at present. It is not possible to furnish further accurate information at this stage as no project, estimate has so far been completed and it is not yet decided which items are included in this scheme.*

## STATEMENT C

Scheme No 76

Irrigation (Establishment).

Establishment engaged on Irrigation

Item	No and Designation	Rate	Rs
1) Upper staff for planning and execution	One Chief Engineer (also responsible for Roads, Buildings and Public Health Schemes)	2 750	125 3 000
	One Superintending Engineer	1 750	100 2 150
	Four Executive Engineers	110	40 1,000
	Sixteen Deputy Engineers	250	20-750
2) Lower staff for planning and execution	Sixty four Overseers	70	5-100-10-250
	Office Staff	As per units sanctioned in G.O. No 6717/36(1), dated 17th March 1911. Scales sanctioned in that Government Resolution for the various grades will be adopted	

## 3) How staff to be obtained

The technical staff will be obtained—

(1) Partly by promotion from within the Department

(2) Partly by recruitment from market (through the P.S.C.) of men without War or Defence Force Services

and

(3) Partly by recruitment of men from the market or direct from the Defence Force (through the P.S.C.) of men with War Service

The ratio between (2) and (3) will be fixed 50 : 50 for the time being

and the total cost of the scheme will be Rs. 100 lakhs per year.

total services  
of operation.

Rough estimate of cost at the existing rates for each year of the First Five Years is as follows—

1st year	2nd year	3rd year	4th year	5th year
In lakhs of Rs.				

## SCHEME No. 77.

- 1 Department —Public Works Department
  - 2 Scheme —Public Health Projects
  - 3 Brief Description of the Scheme —
  - 4 Area selected for application —
  - 5 Other Departments concerned —
- } As given in the accompanying Statement A Out of the 14 projects the first two projects are to be taken up in the first 5 year period and remaining twelve projects in second 5 year period of the 15 year period of the P.W. Programme
- 6 Upper staff for planning and/or execution of the scheme —The details of staff and cost have to be approved by Government
  - 7 Lower staff for planning and/or execution of the scheme —
  - 8 How staff to be obtained —
- } Vide Statement C attached
- 9 Rough estimates of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs in lakhs	Rs in lakhs	Rs in lakhs	Rs in lakhs	Rs in lakhs	Rs in lakhs
(a) Capital	14.6	21.9	36.0	36.0	30.5	149.0
(b) Recurring—						
(i) Works	As per col 7 of Statement A attached					
(ii) Establishment	Nil	0.90	2.70	2.70	2.70	6.30

10  
being  
Government  
capital with interest and annual expenditure on Maintenance and Repairs concerned. As a rule no profits should accrue on these schemes. The capital is recoverable in 30 years by way of water rates and drainage cess.

- 11 Nature of material, machinery, etc., needed from—

- (a) Abroad —
  - (b) Locally —
- } Vide statement B attached

12

the schemes can assume a final form ready for execution

# STATEMENT A

## PUBLIC HEALTH PROJECTS

Serial No	Project	Brief description of the scheme	Area selected for application	Other Departments concerned	Hough estimate of cost at existing rates	•Recurring charges
1		3	4	5	6	7
1	Water supply	Nettagar Water Supply (Government)	Dharrar and Hubli			
2	Do	Belgaum Water Supply	Belgaum		94 6	14,800 (1940)
3	Do	Alimnagar Water Supply and Filtration Plant	Alimnagar		51 7	5,02,500
4	Do	Salvette Water Supply (Government)	Badapur Suburbs of Bombay		4 3	17,500
5	Drainage	Surat Drainage	Surat		104 6	8,19,000
6	Water supply	Surat Water Supply Distribution System	Do		22 3	1,77,000
7	Do	Pandharpur Water Supply distribution system	Pandharpur		8	50,420
8	Do	Abadkavala Scheme for supply of filtered water to Poona and Kurla	Poona and Kurla		1 5	40,100
9	Do	Nipani Water Supply	Nipani (Belgaum District)		75	11,17,000
10	Drainage	Chhatkhar Drainage	Chhatkhar		6 6	76,200
11	Do	Jalgaon Drainage	Jalgaon		7 2	53,200
12	Do	Darwani and Santa Cruz Drainage	Bombay Suburbs		6 6	70,100
13	Water supply	Nadiad Water Supply	Nadiad		8 3	55,500
14	Do	Godhra Water Supply	Godhra		9 6	1,17,000
					9 5	1,67,000
					429 7	
					5,14,300	

\*Including interest on capital repayment of instalment, depreciation and maintenance and repairs

## PUBLIC HEALTH SCHEMES INCLUDED IN THE FIRST FIVE-YEAR PERIOD

*Statement showing the type and quantity of materials required for executing the schemes*

Sheet No. 2

<i>L. T.</i> sizes by boot used as check if made	Stance Values Numbers							Scour Toe Numbers					
	Length in feet												
20"	24"	21"	18"	16"	14"	9"	6"	3"	20"	21"	18"	16"	12"
									>	x	x	x	x
									24"	21"	18"	16"	12"
									y	x	x	x	x
									9"	8"	6"	6"	4"



Number	Code	Subject	Head in ft. H. H. A.	Tees	Deck to 8	12"	3"	Vertical	Steel	W. L. ladder	Lattice
1	3	10	12"	Numbers	heads No. 1	12"	3"	Diagonal	truss	2" x 10"	33 kgm

Numbers

1	3	10	12"	Numbers	heads No. 1	12"	3"	Diagonal	truss	2" x 10"	33 kgm
2	5	-	-	Tees, 1 vertical along	500	12"	60	1000	60	12	3
				Diagonal	12"	60					
				Taps, 12"	500						

## Sheet No. 4

Pump in Machinery		Mechanical Equipment	
1	250 H. P.	1	1000
2	400 ft. H. P.	2	1000
3	400 ft. H. P.	3	1000
4	400 ft. H. P.	4	1000
5	400 ft. H. P.	5	1000
6	400 ft. H. P.	6	1000
7	400 ft. H. P.	7	1000
8	400 ft. H. P.	8	1000
9	400 ft. H. P.	9	1000
10	400 ft. H. P.	10	1000
11	400 ft. H. P.	11	1000
12	400 ft. H. P.	12	1000
13	400 ft. H. P.	13	1000
14	400 ft. H. P.	14	1000
15	400 ft. H. P.	15	1000
16	400 ft. H. P.	16	1000
17	400 ft. H. P.	17	1000
18	400 ft. H. P.	18	1000
19	400 ft. H. P.	19	1000
20	400 ft. H. P.	20	1000
21	400 ft. H. P.	21	1000
22	400 ft. H. P.	22	1000
23	400 ft. H. P.	23	1000
24	400 ft. H. P.	24	1000
25	400 ft. H. P.	25	1000
26	400 ft. H. P.	26	1000
27	400 ft. H. P.	27	1000
28	400 ft. H. P.	28	1000
29	400 ft. H. P.	29	1000
30	400 ft. H. P.	30	1000
31	400 ft. H. P.	31	1000
32	400 ft. H. P.	32	1000
33	400 ft. H. P.	33	1000
34	400 ft. H. P.	34	1000
35	400 ft. H. P.	35	1000
36	400 ft. H. P.	36	1000
37	400 ft. H. P.	37	1000
38	400 ft. H. P.	38	1000
39	400 ft. H. P.	39	1000
40	400 ft. H. P.	40	1000
41	400 ft. H. P.	41	1000
42	400 ft. H. P.	42	1000
43	400 ft. H. P.	43	1000
44	400 ft. H. P.	44	1000
45	400 ft. H. P.	45	1000
46	400 ft. H. P.	46	1000
47	400 ft. H. P.	47	1000
48	400 ft. H. P.	48	1000
49	400 ft. H. P.	49	1000
50	400 ft. H. P.	50	1000
51	400 ft. H. P.	51	1000
52	400 ft. H. P.	52	1000
53	400 ft. H. P.	53	1000
54	400 ft. H. P.	54	1000
55	400 ft. H. P.	55	1000
56	400 ft. H. P.	56	1000
57	400 ft. H. P.	57	1000
58	400 ft. H. P.	58	1000
59	400 ft. H. P.	59	1000
60	400 ft. H. P.	60	1000
61	400 ft. H. P.	61	1000
62	400 ft. H. P.	62	1000
63	400 ft. H. P.	63	1000
64	400 ft. H. P.	64	1000
65	400 ft. H. P.	65	1000
66	400 ft. H. P.	66	1000
67	400 ft. H. P.	67	1000
68	400 ft. H. P.	68	1000
69	400 ft. H. P.	69	1000
70	400 ft. H. P.	70	1000
71	400 ft. H. P.	71	1000
72	400 ft. H. P.	72	1000
73	400 ft. H. P.	73	1000
74	400 ft. H. P.	74	1000
75	400 ft. H. P.	75	1000
76	400 ft. H. P.	76	1000
77	400 ft. H. P.	77	1000
78	400 ft. H. P.	78	1000
79	400 ft. H. P.	79	1000
80	400 ft. H. P.	80	1000
81	400 ft. H. P.	81	1000
82	400 ft. H. P.	82	1000
83	400 ft. H. P.	83	1000
84	400 ft. H. P.	84	1000
85	400 ft. H. P.	85	1000
86	400 ft. H. P.	86	1000
87	400 ft. H. P.	87	1000
88	400 ft. H. P.	88	1000
89	400 ft. H. P.	89	1000
90	400 ft. H. P.	90	1000
91	400 ft. H. P.	91	1000
92	400 ft. H. P.	92	1000
93	400 ft. H. P.	93	1000
94	400 ft. H. P.	94	1000
95	400 ft. H. P.	95	1000
96	400 ft. H. P.	96	1000
97	400 ft. H. P.	97	1000
98	400 ft. H. P.	98	1000
99	400 ft. H. P.	99	1000
100	400 ft. H. P.	100	1000

1. This document gives a list of the types and quantities of materials etc. likely to be required in respect of the first two items of the Scheme No. 63, which is to be taken up in the first five years period of the P. W. II Programme. It is not possible to give similar detailed information in respect of the other items of the Scheme No. 63 which are proposed to be taken up in the second five years period of the Programme as some of these projects are yet to be decided. The information given is approximate only.

## STATEMENT C

*Establishment engaged on Public Health*

Item	No. and designation	Scale
		Rs
(1) <i>Upper staff for Planning and execution</i>	Three Executive Engineers	440—40—1 000
	Six Deputy Engineers	250 20—750
(2) <i>Lower Staff for Planning and execution</i>	Thirty six Overseers Office Staff	70 5—100—10—200 As per units sanctioned in G R No 6717/36 dated 17th March 19 Scales sanctioned in G R for the various grades will be adopted

(3) *How Staff to be obtained*

The technical staff will be obtained —

(1) Partly by promotion from within the Department

(2) Partly by recruitment from market (thru the P S C) of men with War or Defence Force Services

(3) Partly by recruitment of men from the market or direct from the Defence Forces (thru the P S C) of men with War Service. The ratio between (2) and (3) will be fixed 50 : 50 for the time being.

local services  
station of op

1st year 2nd year 3rd year 4th year 5th year

in lakhs of Rs

Re-estimated cost at existing rates  
for each year of the first five year  
plans

1st year

2nd year 3rd year 4th year 5th year

[T

---

**CONCENTRATED AREA SCHEMES.**

---



## SCHEME No. 78.

## RURAL DEVELOPMENT HEADQUARTERS

It is proposed to establish "Rural Development Headquarters" in certain of the Province. These "Rural Development Headquarters" will form nuclei for the spread and extension of all aspects of rural development in the districts in which they are established, e.g., training of agriculturists and their families, centres for the distribution of improved seed, improved implements and manures, insecticides, etc. provision of better breeding live stock and for the development of co-operative organisations in the district for the benefit and welfare of the agricultural community. These "Rural Development Headquarters" will be utilised, in the first instance, for the training of demobilised soldiers in agriculture and allied industries such trainees on the completion of their training period being used as rural reconstruction agents in their villages.

2. In the first instance it is proposed to establish "Rural Development Headquarters" in the main recruiting areas of the Province and thereafter to extend the establishment of such institutions until each district of the Province is provided for. In the first year, the Rural Development Headquarters will be established in the Satara and Ratnagiri districts. Subsequent extension of such institutions in the succeeding four years will be carried out in co-ordination with the needs of demobilised soldiers and in accordance with the general expansion of Government's of Post war Development in the districts if the scheme proves a success.

3. It is also proposed to establish an Industries Section at these headquarters.

4. The details of the scheme are under discussion and have not yet been finally approved by Government.

## SCHEME No. 79

- 1 Department—Agriculture
- 2 Scheme—Establishment of taluka demonstration centres in selected villages
- 3 Brief description of the scheme—To acquaint cultivators with modern agricultural methods in agriculture and the use of improved seed demonstrations on their own lands opened in selected

over-  
ical  
een  
ads  
ng  
ang

1  
1  
a  
ci  
The produce of the land so cultivated remains the property of the land owner  
A small seed and implement depot is opened at each demonstration centre for the convenience of neighbouring cultivators and also as a centre for the supply of improved seed implements etc at the cheapest possible rates Under the post-war reconstruction scheme it is proposed to increase the existing number of taluka demonstration centres by 260 in five years in the concentrated areas of this Province

4 Areas selected for application—Concentrated areas, viz., Belgaum, Bijapur, Surat and Satara districts and parts of Poona, Sholapur, Ahmednagar, Kolaba and Ratnaguri districts

5 Other Departments concerned—Revenue, Public Works and Military departments

6 Upper staff for planning and/or execution of the scheme

7 Lower staff for planning and/or execution of the scheme

A trained Kamgar in the scale of Rs 30—35—5/2—60 is necessary for each centre

The figures of expenditure for each Taluka Demonstration Centre are as follows—

## Non recurring expenditure

- (i) For purchase of implements
- (ii) For purchase of furniture

Rs

425

70

Total

500

## Recurring expenditure

- (i) Pay of kamgar at Rs 30 per month (Rs 30—35—5/2—60)
- (ii) Dearness allowance
- (iii) Contingencies—
  - (a) Office expenses and miscellaneous
  - (b) Rent, Rates and Taxes
  - (c) Repairs to dead stock
  - (d) Supply of seed minures etc
  - (e) Bonus to cultivators

360

132

50

7

10

50

150

Total

831

§ *How staff to be obtained*—From personnel to be trained in departmental training areas. Returned soldiers can be employed as King's after training.

*Rough estimates of cost at existing rates for each year of the First Five year plan*

	First Year	Second Year	Third Year	Fourth Year	Fifth Year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	20,000	20,000	20,000	20,000	20,000	1,00,000
Running	44,000	51,000	1,37,000*	1,84,000	2,50,000	6,66,000
Total	70,000	1,17,000	1,63,000	2,14,000	2,70,000	8,66,000

1) *To what extent is the scheme productive and/or cost recoverable*—Not productive

1) *Nature of material, machinery etc. needed from*—

(a) *abroad*—Typewriters and other office equipment

(b) *locally*—Agricultural implements

2) *Any other remarks or information*—

## SCHEME No. 81.

1 *Department* —Agricultural2 *Scheme* —Land Development and Improvement (Scarcity Areas)

3 *Brief description of scheme* —Provides for the progressive and permanent improvement and development of agricultural, forest and waste lands in the districts of the Province most liable to famine and scarcity conditions by the extension of land development and improvement works designed to check soil erosion and ensure that the fullest use is made of available rainfall in crop production. Such works include large scale contour bunding on units of complete water-sheds, gulch plugging and, on forest and wastelands, contour trenching and re-afforestation. In addition, scientific methods of dry farming, based upon the successful results of experimental work carried out at the Dry Farming Research Stations at Sholapur and Bijapur will be introduced and extended over the contour banded cultivated areas within the Scheme. In short, the projects contemplated under the Scheme are designed to obtain more assured and better crop production by the adoption of anti erosion measures and by the widespread extension of cultural and other measures for crop use.

The Government includes provision for the reorganisation of that Section in order to carry out a programme of land development and improvement work over 5 lakh acres as under —

Bijapur district	2 lakh acres
Dharwar and Belgaum districts	1 lakh acres
Sholapur district	1 lakh acres
Poona, Ahmednagar and Satara districts	1 lakh acres
<b>Total</b>	<b>5 lakh acres</b>

Under the Scheme it is intended to intensify this work during the period 1944-49 so as to increase the acreage under land development works to at least 10 lakh acres per annum by the end of that quinquennium and, in particular,

measures taken for the protection and maintenance of such areas

4 *Areas selected for application* —Mainly the districts of Bijapur and eastern portions of Belgaum and Dharwar districts in the Southern Division and the districts of Poona, Ahmednagar, Sholapur and Satara in the Deccan (Central Division)

5. *Other Departments concerned* —(a) *Revenue Department* —For the selection of suitable areas in the districts mentioned above for the commencement of land development projects and for the preparation of revised records of rights, etc., in developed areas

of dry farming methods on the cultivable lands and the protection of young tree growth on forest and waste lands within a project area

(c) *Forest Department* —For assistance in the provision of supervisory staff and staff required for re-afforestation work and the protection of re-afforested areas.

6 and 7 *staff for planning and/or execution of the scheme* —No distinction need be made between staff required for (a) preparation of plans and estimates and (b) execution of the Scheme



The staff requirements given below are based upon a programme of land development as under —

1st year	5 lakh acres
2nd year	6 lakh acres
3rd year	8 lakh acres
4th year	9 lakh acres
5th year	10 lakh acres

With regard to the 1st year i.e. 5 lakh acres, it is anticipated that the staff sanctioned by Government will be adequate and it is expected that practically the whole of this sanctioned staff will be brought up to strength in the next financial year i.e. 1944-45 with the possible exception of the Forestry establishment i.e. 2 Sub-divisional officers, Forest Department, 10 Forest Rangers, 30 Foresters and 60 Forest Guards.

The additional staff which, it is estimated, will have to be recruited in the 2nd to 5th year of the scheme is shown below —

2nd year 3rd year 4th year 5th year Total

Upper staff—

Sanctioned staff—

1) Specialist or Class I—(Rs 300—400—420—30—660—40—900) Land Development Officers etc	1	2			3
2) Class II—(Rs 100—10—200—15—400—20—500) Assistant Land Development Officer	1	2	1	1	5
Survey Engineers	2	4	2	2	10
Dry Farming Officers	4	8	4	4	20
Non sanctioned staff—					
1) Graduates or diploma holders—					
Junior Surveyors (Rs 160—10—200)	3	5	3	3	14
Assistant Senior Surveyors (Rs 110—5—150)	5	9	5	5	24
Assistant Dry Farming Officers (Rs 160—10—200)	5	9	5	5	24
Sub divisional officers Finance Department (Rs 235—15—400—20—500)	1	2			3
Lower staff—					
(a) Non graduate but trained—					
Junior Surveyors (Rs 70—5—100)	16	30	16	16	78
Dry Farming Assistants (Rs 110—8—150 or 70—5—100)	28	56	28	28	140
Bunding Sub overseers (Rs 50—5—100)	36	—	36	36	180
(b) Other technical staff—					
Mkhallasia (Rs 10)	28	56	28	28	140
Tracers (field) (Rs 50—5—100)	10	20	10	10	60
Dry Farming Gangars (Rs 70—5—100)	56	112	56	56	280
Forest Rangers (Rs 60—5—100—5—150)	4	8	4	4	20
Foresters (Rs 30—1—40—4—50—60)	18	36	18	18	84
Forest Guards (Rs 10—1—20—2—30)	36	72	36	36	180
Malis (Rs 20—1—40)	1	2	1	1	5
Clerical and office staff—					
Senior clerks (Rs 90—5—110)	3	6	3	3	15
Junior clerks (Rs 20—5—30)	11	22	11	11	55
Drangtaman (Rs 80—5—130)	1	2	1	1	5
Tracers (office) (Rs 50—5—100)	10	20	10	10	60
Peons (Rs 14)	10	20	10	10	60

8 *How staff to be obtained*—The additional gazetted staff required under the Scheme will be obtained (a) by promotion within the existing staff of the Land Development Section or (b) by direct recruitment of specially qualified candidates after advertisement. It is possible that some of these posts may be filled by officers of the engineering branches of the military forces. The non gazetted staff of graduates and/or diploma holders will require to be obtained by (a) promotion within existing cadres and (b) direct recruitment of graduates who have passed out well from the Agricultural or to increase the number of staff also could be filled up from training.

The non graduate, but trained, staff will be mainly provided from (a) promotion with existing cadres and (b) students who complete successfully the courses of training for Bunding Sub overseers now in progress at Bijapur. It is also proposed that suitable candidates for recruitment will have to be recruited, with regard to forest personnel, it is anticipated that a large number may be available at the end of hostilities on the reduction of the expanded Forest Department personnel. Arrangements are also being made to train forest staff. Ex soldiers from field engineering units would be suitable for appointment as Khallasis, dry farming kamgars and foresters after short periods of training. The clerical and office staff can be procured to some extent by promotion in existing cadres within the Department but the majority will have to be recruited by advertisement. Peons may be available from demobilised military personnel and tracers from the Military Works Department on reduction of personnel after the end of the war.

9. *Rough estimate of cost at existing rates for each year of the first Five year Plan*—

	1st year	2nd year	3rd year	4th year	5th year	Total
<b>A Capital—</b>						
(a) Cost of land development works based upon estimated expenditure of Rs 12 per annum	60,00,000	72,00,000	86,00,000	1,02,00,000	1,20,00,000	4,56,00,000
(b) Tools, instruments, etc	6,35,000	1,50,000	4,00,000	5,00,000	0,50,000	23,35,000
<b>B Recurring—</b>						
(a) Pay of staff—						
1 Present sanctioned staff	7,00,000	8,00,000	8,50,000	9,00,000	9,50,000	42,00,000
2 Additional staff proposed in 2nd 3th year of Scheme		2,50,000	8,50,000	7,50,000	8,50,000	20,00,000
(b) Allowances of staff under (a) 1 and 2 above	3,00,000	4,00,000	6,00,000	7,50,000	8,50,000	29,00,000
(c) Contingent expenditure	50,000	75,000	1,20,000	1,20,000	1,20,000	4,85,000
(d) Training charges	60,000	60,000	60,000	60,000	60,000	3,00,000
<b>Total Capital*</b>	<b>66,35,000</b>	<b>73,00,000</b>	<b>1,00,00,000</b>	<b>1,13,00,000</b>	<b>1,28,50,000</b>	<b>4,79,35,000</b>
<b>Recurring</b>	<b>11,10,000</b>	<b>15,85,000</b>	<b>22,80,000</b>	<b>25,80,000</b>	<b>28,30,000</b>	<b>1,03,85,000</b>
<b>Grand Total</b>	<b>77,45,000</b>	<b>88,85,000</b>	<b>1,22,80,000</b>	<b>1,38,80,000</b>	<b>1,56,80,000</b>	<b>5,83,20,000</b>

\* to be  
paid in  
the year  
1 may

6 To what extent is the Scheme productive and/or cost recoverable — As indicated 75 per cent of the capital cost incurred in 1944-45 will be recovered from the owners by instalments over a period of 12 years (free of interest). What portion of the cost of successive years should be recovered will be decided.

7 The Scheme will be indirectly productive to a very considerable extent by ensuring that the areas in the scarcity areas will be developed.

8 Areas developed — At a conference

on the areas developed under the Scheme.

9 Nature of materials machinery etc needed from

(a) abroad — Surveying instruments levels etc office equipment, e.g. typewriters

(b) locally — Tools for digging etc. pawlas, pickaxes, etc. dry farming implements building materials for gully plugging, corrugated iron etc. Office furniture and training equipment

10 Any other remarks or information: This Scheme is proposed for a 5 year period of which the first year is 1944-45. Government have sanctioned a sum of 70 lakhs for land development work in the Province in 1944-45. No additional work is proposed until the 2nd year of the Scheme as the present sanctioned sum is considered adequate for the programme of work contemplated in the 1st year, i.e., 2 lakh acres in 1944-45.

## SCHEME No. 82.

1 *Department*—Agricultural

2 *Scheme*—Land Development and Improvement (Heavy Rainfall Areas)

3 *Brief description of scheme*—Provides for the progressive and permanent improvement and development of agricultural, forest and waste lands in the Konkan areas of the Province by land improvement measures e.g. contour bunding, trenching and/or terracing of hill slopes, combined with strip afforestation and gully plugging on hill sides and sloping areas in order to check the rapid run off of rain water and, as a result to increase and prolong the water-holding capacity of the higher lands, prevent erosion and facilitate the conversion of lower (barren) lands for extended cultivation or, possibly, double cropping. The scheme also provides for the reclamation of land for crop cultivation in selected coastal tract where such work is found to be practicable.

It will be noted that this type of work is at present in the experimental stage and future extension must depend upon the results obtained from the experimental work which it is proposed to carry out in Ratnagiri district in 1944-45. For the purposes of this Scheme, however, it is assumed that the results of the experimental work will be satisfactory and that future extension of the work will be carried on in succeeding years over a 5 year programme, the area under development being increased each year on the basis of the results obtained during the first year's experimentation. It is not possible at the present time, to form any accurate estimate of the acreage under development during each of the 5 years for which the Scheme is framed but provision is made for an additional Survey Party, with necessary contingent expenditure etc., being employed each year on Land development work in the high rainfall areas. A lump sum provision of Rs. 20 lakhs is provided for work in connection with the reclamation of coastal areas which forms part of the Scheme during the 5 year period over which it is phased.

4 *Areas selected for application*—The Konkan tract of the Province and, in particular the district of Ratnagiri. Reclamation of coastal areas will largely be done in Kolaba and Bombay Suburban Districts.

5 *Other Departments concerned*—*Revenue Department*—In regard to the selection of suitable sites for (a) land development projects and (b) for areas in which work on the reclamation of coastal lands can be carried out. In addition, the assistance of the Revenue Department will be needed in connection with adjustments in existing land tenure systems to ensure that the actual cultivators of the areas under development secure the benefits of such work as may be carried out under the Scheme.

*Forest Department*—For assistance in the provision of supervisory staff and staff required for afforestation work and for maintenance of reforested areas.

6 and 7 *Staff for planning and/or execution of the scheme*—No distinction need be made between staff required for (a) preparation of plans and estimates and (b) execution of Scheme.

In the first year of the Scheme provision has already been made for one 'Survey Party' for land development work in the Konkan areas. The staff requirements indicated below provide for the addition of one more "Survey Party" for each year.

- |   |                           |
|---|---------------------------|
| 1 | Assistant Senior Surveyor |
| 3 | Junior Surveyors          |
| 4 | Khaldars                  |
| 6 | Bunding Overseers         |
| 1 | Tracker                   |

The additional staff to be recruited in the 2nd to 5th year of the Scheme below —

	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs
<i>Upper staff—</i>					
(a) <i>Existing staff—</i>					
1 Specialist or Class I (Rs 300—40—420—30—600—40—300) Land Development Officer	1				1
2 Class II (Rs 170—10—240—15—400—20—300) Assistant Land Development Officers	1		1		2
Survey Engineers	1	1		1	3
(b) <i>Non existing staff—</i>					
Graduates or diploma holders Senior Surveyors (Rs 160—10—260)	2	1	2	1	6
Assistant Senior Surveyors (Rs 110—8—100)	2	1	2	1	6
<i>Lower staff—</i>					
(a) <i>Non graduate but trained—</i>					
1 Junior Surveyors (Rs 70—5—100)	6	3	6	3	18
2 Bunding sub overseers (Rs 50—5 2—100)	12	6	12	6	36
(b) <i>Other technical staff—</i>					
1 Khalasis (Rs 15)	8	4	8	4	24
2 Tracers (field) (Rs 50—5 2—100)	2	1	2	1	6
3 Forest Rangers (Rs 80—5—120—150)	1		1		2
4 Foresters (Rs 30—1—40—45—50—60)	4	2	4	2	12
5 Forest Guards (Rs 15—1 2—20—25)	8	4	8	4	24
(c) <i>Clerical and office staff—</i>					
Senior clerks (Rs 90—5 2—115)	1		1		2
Junior clerks (Rs 25—5 2—55)	11	11	11		33
Draughtsman (Rs 80—5—130)	1		1		2
Tracers (office) (Rs 50—5 2—100)	2	1	2	1	6
Peons (Rs 14)	9	2	2	2	14

8. *How staff to be obtained.*—The upper staff required will have to be provided in the main by promotions within the existing cadres of the Land Development Section of the Agricultural Department although it may be necessary to fill percentage of posts by direct recruitment. The lower staff will mainly be filled by trainees from the Bunding Overseers' Training Courses and by direct recruitment. It is also proposed to start a Dry Farming Training centre to train students and candidates in dry farming methods. It is anticipated that ex soldiers, after training, can be utilised in several of the lower grade appointments e.g. bunding sub overseers, Khallasias etc. Forest staff will have to be obtained from the Forest Department and clerical and office staff by direct recruitment. Ex members of clerical establishments under the military will be suitable for such appointments. Arrangements are being made to train forest staff and increase the number of students at the Engineering College, Poona.

9 *Rough estimates of cost at existing rates for each year of the first five year plan —*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Ps	Rs	Rs	Rs	Ps
<i>(a) Capital—</i>						
(a) Cost of land development works	1,70,000		10,00,000			11,70,000
(b) Cost of canal reclamation work			12,00,000			12,00,000
(c) Miscellaneous equipment etc		20,000	10,000	20,000	10,000	60,000
<i>(b) Recurring—</i>						
(a) Pay of staff	†	60,000	1,00,000	1,30,000	2,31,000	5,70,000
(b) Allowances of staff	†	48,000	60,000	97,000	94,000	2,66,000
(c) Contingencies	†	11,000	8,000	8,000	8,000	37,000
Total—Capital					24,30,000	
Recurring					3,01,000	
Grand Total					27,31,000	

† Provided for in proposals for expansion of Land Development Section submitted to Government under Director of Agriculture's letter No S 20, dated 9th October 1943 and included Rs 7,00,000 under "Staff" in Scheme No 67 i.e. Land Development and Improvement (Baras).

10 *To what extent is the scheme productive and/or cost recoverable*—The total of the Scheme in the 1st year is to be borne by Government. Recoveries of 10% in 2nd—3rd year will be paid in the 4th—5th year by Government regarding what part, if any, of cost of land development and/or reclamation works is to be recovered from the land owners or other benefitting from such works. It will not be possible to consider this matter until costs of land development and land reclamation works are available on the basis of the 1st year's experimental projects.

11 *Nature of material machinery etc needed from—*

(a) *Abroad*—Surveying instruments levels etc office equipment typewriters etc.

(b) *Locally*—Tools for digging etc pulleys pickaxes etc building materials corrugated iron, etc furniture and office equipment

12 *Any other remarks or information*—Proposals for the 1st year of the Scheme are already been received and sanctioned by Government

The provision made for capital expenditure is purely tentative and will require to be revised in the light of the experience gained in the 1st year's experimental working under the Scheme

## SCHEME No. 83.

## 1 Department — Co operative

## 2 Scheme — Marketing Development work, viz., (1) Regulated Markets and (2) Co operative Marketing

3 *Brief description of the scheme* — The scheme visualises the establishment of a net work of regulated markets in the concentrated areas mentioned in Column 1 and formation of co operative sale societies for every regulated market. It is proposed to organise about 32 such markets during the first 5 years of the post-war period. A list of places where these markets are proposed to be established and the commodities to be regulated is appended hereto. The marketing machinery that is existing in this Province at present functions more in the interest of traders and middle men than in the interest of primary producers. The regulation of this machinery is expected to enable the primary producers to realise better returns for their produce.

in  
of  
with the market committee in the introduction of the essential marketing reform and it is desirable to have such an organisation to fall back in case the trade opposes any measures for regulation of trades.

## 4 Areas selected for application — Concentrated areas consisting of —

- (i) SATARA — All talukas
- (ii) POONA — Indapur taluka and Dhond and Sirur petas
- (iii) SHOLAPUR — Karmala, Sangola, Malsiras and Pandharpur talukas
- (iv) AHMEDNAGAR — Newasa, Kopergaon, Rahuri, Ahmednagar, Parne and Shrigonda talukas and Karjat peta
- (v) KOLHAPUR — Mahad, Mangaon and Roha talukas
- (vi) RAJGIRI — All talukas except Vengurla peta
- (vii) BELGAUM — All talukas  
Bijapur and Surat districts

## 5 Other Departments to be consulted — The Agricultural and the Public Works Departments

## 6 Upper staff for planning and/or execution of the scheme — 10 Marketing Inspectors (3 in the grade of Rs 160-10-260 and 7 in the grade of Rs 100-110-8-150)

10 Clerks (Rs 25-5/2-55)

32 Secretaries (Rs 80-5-100) for market committees

32 Managers (Rs 75-5-100) for co operative sale societies

## 7 Lower staff for planning and/or execution of the scheme —

10 Drivers (Rs 30 per mensem)

32 Watchmen (Rs 11 per mensem)

10 Peons (Rs 11 per mensem)

8 *How staff to be obtained* — Generally from the ex military employees to be trained by the Chief Marketing Officer with the assistance of the Assistant Marketing Officers. On reversion from the Supply Department about half the number would be available for appointment as Marketing Inspectors.



*Rough estimates of cost at existing rates for each year of the first five year*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) (i) (for pure) use of lorry	— 000	31 00	31 00	— 000	—	11 00
Recurring	10 500	6 000	1 00	31 000	36 000	81 500
Total	10 500	6 000	1 00	31 000	36 000	81 500

10. To what extent is the scheme productive and/or cost recoverable — Non active Cost not recoverable

11. Nature of materials, machinery etc needed from —

(a) Abroad — 10 lorries refrigerators plants etc

(b) Locally —

12. Any other remarks or information — The existing staff which consists of 10 Marketing Inspectors will have to be increased so as to enable them to cope with increase of work in the districts. The Divisional Deputy Registrars who have been separately proposed will also have to be delegated with powers under the Agricultural Produce Markets Act and provided with a Marketing Inspector each to assist them.

It is noticed that in the absence of trained secretaries the Market Committees will not function properly. Provision is therefore made for the secretarial staff of the market committees. In the first year of appointment the entire cost of these secretaries may be borne by Government and in the next two years Government may agree to bear 25 per cent of the cost.

The Market Committees will also require watchmen who could be recruited from amongst the demobilised soldiers. It is proposed that the salaries of these watchmen should be Rs 14 per mensem each and that Government may bear the entire cost for the first year and  $\frac{1}{3}$ th of this cost for the next two years.

Efficient functioning of the market committees would necessitate construction of godowns at the rate of 3 to 4 godowns for each market committee. It is estimated that about 90

godowns are established in the con

Rs 5 000. A sum of

godowns. The entire

loans to the market

loans may be made payable in 20 annual instalments.

The proposed sale societies or purchase and sale unions will have to be provided with a Manager each. The Managers could be recruited from the Purchase or Accounts Section of the Military Establishment. The scale of pay for a Manager should be Rs 75—5—100. It is proposed that the entire cost in the first year of appointment may be borne by Government and that in the second or third year, only  $\frac{1}{3}$ th cost should be borne by Government. Some of the co-operative societies collecting vegetables for sale would require lorries in order to do their work efficiently. Assuming that 10 lorries will be required by the societies it may be possible to absorb 10 men who may be ex-military drivers. It is proposed that Government may bear 50 per cent of the cost of these drivers for a period of 3 years and supply lorries gratis.

*Last of markets to be regulated in the concentrated areas after the war*

District	Number of markets to be regulated	Commodities to be regulated	God for m
1	2	3	
KOLABA	1 Mahad	Paddy and rice	
SHOLAPUR	1 Kurduwadi	Jawar and cotton	
	2 Pandharpur	Jawar cotton groundnut and safflower	
	3 Karmala	Jowar and cotton	
	4 Satgola	Bajri and eggs	
	5 Ahluj	Jowar and gul	
SATARA	1 Karad and Umbraj (already regulated)	Groundnut gul turmeric and coriander	
	2 Vhaswad	Cattle hides and skins	
	3 Talari	Groundnut gul and turmeric	
	4 Lonand	Onions and jowar	
	5 Koregaon	Jowar	
AHMEDNAGAR	1 Ahmednagar	Jowar Bajri and wheat	
	2 Chopergaon	Gul gram and wheat	
	3 Belapur	Gul and mosambi	
	4 Rahuri	Jowar and mosambi	
	5 Wambori	Cotton, Bajri jowar wheat and gram	
BELGAUM	1 Nipani	Tobacco and gul	
	2 Sanjeshwar	Gul and chillies	
	3 Bailhongal (already regulated)	Cotton and groundnut	
	4 Athani	Cotton, jowar and groundnut	
	5 Chandgad	Paddy	
	6 Gokak	Cotton jowar groundnut and gul	
	7 Belgaum	Vegetables	
BIJAPUR	1 Bijapur and Indri (already regulated)	Cotton groundnut jowar, safflower wheat and linseed	
	2 Bagalkot and Badami	Cotton groundnut, jowar and wheat	
SURAT	1 Surat	Cotton vegetables sheep and goats pulses and castor seed.	
	2 Bardoli	Cotton and jowar	
	3 Bulsar	Paddy rice and gul	
	4 Chikhali	Rice	
	5 Olpad	Wheat and jowar	
POONA	1 Indapur	Jowar and gul	
	2 Dhoni	Jowar	
	3 Shurur	Do	

## SCHEME No. 84.

1 Department—Co operative.

2 Scheme—Societies for consolidation of holdings.

3 Brief description of scheme—The scattered nature of agricultural holdings is a great handicap in effecting agricultural improvements and is one of the major factors for the deficit economy of the bulk of the agriculturists. The need for consolidation has been recognized on all hands but the problem is complicated on account of Hindu and Mohamedan Laws of Inheritance and the sentimental attachment of the cultivator to his inherited units of lands.

Considerable amount of spade work and propaganda would, therefore, be necessary before the agriculturists' minds are prepared to respond to any scheme of consolidation, and even then the success of the scheme cannot be guaranteed. The scheme, even if partially successful, will have educational value and may prepare the ground for later legislative action.

The scheme visualises the organisation of co operative societies for consolidation of holdings in the concentrated areas mentioned in Column 1. To start with, the Government will be made to organise societies in certain selected talukas out of the concentrated areas, particularly in areas, where the co operative movement has taken a firm root. At the outset it would be necessary to train the higher staff for the work and post them in the concentrated areas for carrying on preliminary surveys. Once the preliminary survey is over, attempts would be made to organise 50 societies in the first year after the war, 100 in the second year and 200 in the third. The target for 15 years is 1,000 societies.

4 Areas selected for application—Concentrated areas consisting of—

- (i) SATARA—All talukas
- (ii) POONA—Indapur taluka and Dhond and Sirur Peta
- (iii) SHOLAPUR—Karmala, Sangola, Malasra and Pandharpur talukas
- (iv) AHMEDNAGAR—Newasa, Kopergaon, Rahuri, Ahmednagar, Parner and Shrigonda talukas and Karjat Peta
- (v) KOLABA—Mabad, Mangaon and Roha talukas.
- (vi) RATNAGIRI—All talukas except Vengurla Peta
- (vii) BELGAUM, BILAPUR AND SURAT DISTRICTS—All talukas

5. Other departments to be consulted—Department of Agriculture, Land Records and Revenue

6 Upper staff for planning and/or execution of scheme—One Assistant Registrar Class II service in the scale of Rs 235—500

7 Lower staff for planning and/or execution of scheme—6 District Co operative

Department of Land Records and Revenue

As regards District Co operative Officers, it would be possible to recruit half the number from the existing staff of the Department and the remaining may have to be recruited from the Land Records Department or from the ranks of Aval Karhu in the Revenue Department

As regards Assistant District Co operative Officers, they will have to be sent Talatis, if available, from the Revenue Department Suitable ex soldiers can also be recruited and trained

9 *Rough estimates of cost at existing rates for each year of the first five year plan —*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	4 000					4 000
(b) Recurring	79 540	80 080	83 620	84 160	87 880	4 10 000
Total	83 540	80 080	83 620	84 160	87 880	4 10 000

The scheme  
to recover

11 *Nature of materials, machinery, etc, needed from—*

(a) *abroad —*

(b) *locally —*

12 *Any other remarks or information —* The societies would also require financial assistance by way of grants on the lines of grants to better farming societies for implements seed, etc It would be useful if taluka demonstration centres are opened in the centres selected for consolidation of holdings or these villages give priority for introducing model projects or making them model villages

The staff proposed would require thorough training Apart from training in the province, the Assistant Registrar and District Co operative Officers will have to be given training for 4 months—2 months in the Punjab, where the emphasis will be on the co-operative organisations and for another two months in C P, where the District Co operative Officers should be able to study the system of keeping accounts and maintenance of registers in Marathi

The staff consisting of District Co operative Officers will have to be placed on duty for survey work for one year before attempts could be made to organise the societies

The details of the scheme have not yet been approved by Government

## SCHEME No. 85.

1 Department—Civil Veterinary

2 Scheme—Maintenance of Veterinary dispensaries in the concentrated areas

3 Brief description of the scheme—The Royal Commission on Agriculture in India estimated that if contagious diseases of cattle are to be properly controlled, should be one Veterinary Assistant Surgeon for every 25 000 head of cattle. A huge expansion of the Veterinary Department is not yet possible for several

For the present it is proposed to provide one Veterinary dispensary in each taluka and peta where there is none and to open one dispensary for every 25 000 of cattle in the areas selected for concentrated efforts. Accordingly in the year of the scheme 18 dispensaries will be opened in the concentrated areas, 11 will be opened in the rest of the Province in the second year and 83 more will be opened in the concentrated areas during the last 3 years.

4 Areas selected for application—Concentrated areas mainly.

5 Other Departments concerned—

6 Upper staff for planning and/or execution of the scheme—See Scheme No. 29

7 Lower staff for planning and/or execution of the scheme—

129 Veterinary Assistant Surgeons

387 Dressers and attendants

How staff to be obtained—

Veterinary Assistant Surgeons—By recruitment from graduates of the Bombay

Veterinary College and from veterinarians released from Army

Dressers and attendants—Both by recruitment locally and from amongst the demobilised soldiers

8 Rough estimates of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	20 000	39 200	39 000	39 200	38 800	1 81 000
(b) Recurring	40 002	1 01 181	1 06 806	2 02 208	3 48 636	9 44 606
Total	60 002	1 40 384	1 45 806	3 11 408	3 87 436	11 06 206

10 To what extent is the scheme productive and/or cost recoverable—Non productive

11 Nature of material, machinery, etc., needed from—

(a) abroad—

(b) locally—Medicines, instruments, etc

12 Any other remarks or information—

## SCHEME No. 86.

1 *Department—Civil Veterinary*2 *Scheme—Conversion of certain number of Veterinary Dispensaries into Itinerating Veterinary Dispensaries*

3 *Brief description of the scheme*—A stationary dispensary serves a very large area and in cases of emergency the staff cannot be transferred easily from district to another nor is the reserve force sufficient to form a mobile corps for disease control. It is proposed that at least 50 per cent of the dispensaries be converted to itinerating institutions the Veterinary Assistant Surgeons being provided with a motor cycle and side car fitted up with necessary drugs and appliances. There will be 100 mobile dispensaries at the end of the first five year plan.

4 *Areas selected for application*—The whole Province5 *Other Departments to be consulted*—6 *Upper staff for planning and/or execution of the scheme*—7 *Lower staff for planning and/or execution of the scheme*—8 *How staff to be obtained*—9 *Rough estimate of cost at existing rates for each year of the first five year plan*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	
(a) Capital	24 000	24 000	24 000	24 000	24 000	1 20 000
(b) Recurring	10 200	30 640	48 300	60 240	8 400	2 58 180
Total	39 200	54 640	70 300	86 240	1 02 400	3 50 600

10 *To what extent is the scheme productive and/or cost recoverable*—Non productive11 *Nature of materials machinery, etc needed from—*

(a) *abroad*—One hundred motor cycles and box side cars

(b) *locally*—

12 *Any other remarks or information*—

# SCHEME No. 87.

1 Department—Civil Veterinary.

2 Scheme—Extension of dipping operations

3 Brief description of the scheme.—Ticks are a menace to cattle improvement in large tracts to the hives . . . . .  
 to the hives . . . . .  
 stock and it is . . . . .  
 in Maval and Konkan areas It has been decided that 5 be opened each year over a period of 5 years

4 Areas selected for application—Maval area the Ratnagiri district and Mahad, Mangaon and Roha talukas of the Kolaba district

5 Other Departments concerned—

6 Upper staff for planning and or execution of the scheme—

7 Lower staff for planning and or execution of the scheme—

Veterinary Assistant Surgeons attached to the nearest veterinary dispensaries will be placed in charge of these tanks and will be given special pay at Rs 10 per mensem for each tank

8 Attendants on a pay of Rs 10 per mensem each

9 How staff to be obtained—By recruitment

10 Rough estimates of cost at existing rates for each year of the First Five-Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
a) Capital	5 000	11 000	5,000	5 000	5 000	25 000
b) Recurring	3,000	6 000	9 000	12 000	15,000	45 000
Total	8 000	11 000	14 000	17,000	20 000	70,000

10. To what extent is the scheme productive and/or cost recoverable.—Non-productive.

11. Nature of material, machinery, etc., needed from—  
 (a) abroad—Dipping solution  
 (b) locally—

12 Any other remarks or information—

## SCHEME No. III

1 *Department* —Forest

2 *Scheme* — Improvement of denuded areas

3 *Brief description of the scheme* —Improvement of denuded and eroded areas. Forest proper Forests in charged Revenue Department to be returned to Forest Department and possibly some afforestation of waste lands

4 *Areas selected for application* —(i) Satara, (ii) Poona (Indapur taluka and Dhond and Shirur pethas), (iii) Sholapur (Karmala, Sinola Malsiras and Pandharpur Talukas), (iv) Ahmednagar (Newasa, Kopargaon, Rahuri, Ahmednagar Parner and Shrigonda talukas and Karjat peta), (v) Kolaba (Mahad Mangron and Roha talukas except Vengurla Peta), (vi) Belgaum Bijapur and Surat district.

5 *Other Departments concerned* —Agricultural Branch (Land Development Section)

6 *Upper Staff* —

*Gazetted Staff*

- 1 Divisional Forest Officer, Ahmednagar, on Rs 300—20—120— E B —30— 660— E III —40— 900 plus P T A of Rs 160 per mensem
  - 1 Divisional Forest Officer, Ratnagiri, on Rs 300— 20 120— E B —30— 660— E B —40—900 plus P T A of Rs 160 per mensem
  - 1 Assistant to the Divisional Forest Officer, Poona, on Rs 235—15—40—20— 500 plus P T A of Rs 75 per mensem
  - 1 Assistant to the Divisional Forest Officer, Satara, on Rs 235—15—40—20—500 plus P T A of Rs 75 per mensem
  - 1 Assistant to the Divisional Forest Officer East Nasik, on Rs 235—15—40—20—500 plus P T A of Rs 75 per mensem
- 7 *Lower Staff*—

## AHMEDNAGAR DIVISION

- 1 Head Clerk on Rs 95—5—125—E B —135—5—160
- 1 Clerk on Rs 60—5/2—75
- 2 Clerks on Rs 25—5/2—55 each
- 6 Rangers on Rs 80—5—125—E B —5—150 each plus P T A of Rs 30 each
- 6 Forsters on Rs 30—1—40 each
- 5 Forest guards on Rs 25 each
- 25 Forest guards on Rs 15—½—20 each

*Inferior Staff*

- 1 Naik on Rs 17
- 1 Peon on Rs 15.
- 3 Peons on Rs 14 each



## RATNAGIRI DIVISION

- 1 Head Clerk on Rs 95-5-125-E B -135-160  
 1 Clerk on Rs 60-5/2-75  
 2 Clerks on Rs 25-5/2-55 each  
 6 Rangers on Rs 80-5-125 E B -5-150 each plus P T A of Rs 30 each  
 6 Foresters on Rs 30-1-10 each  
 11 Forest Guards on Rs 25 each  
 25 Forest guards on Rs 15-1/2-20 each

*Inferior staff*

- 1 Naik on Rs 17  
 1 Peon on Rs 15  
 3 Peon on Rs 14 each

## POONA DIVISION

*Protective staff*

- 2 Rangers on Rs 80-5-125-E B -5-150 plus P T A of Rs 30 per mensem each

*Inferior staff*

- 2 Peons on Rs 17 per mensem each

## SATARA DIVISION

*Protective Establishment*

- 2 Rangers on Rs 80-5-125-E B -5-150 plus P T A of Rs 30 per mensem each

*Inferior staff*

- 2 Peons on Rs 14 per mensem each

## EAST NASHIK DIVISION

*Protective Staff*

- 2 Rangers on Rs 80-5-125-5-150 plus P T A of Rs 30 per mensem each

*Inferior Staff*

- 2 Peons on Rs 14 per mensem each

8 How staff to be obtained - From extra appointments made for war supply work available as soon as war supply is over or curtailed but it will be necessary to make further recruitment to fill up vacancies in Bombay Forest Service Class II caused by retirement during the next 5 years by (a) promotion of selected rangers and (b) by direct recruitment for training at Dabra Dun. A limited number of war vacancies is likely to be available in the lower staff say 4 for appointment in the clerical grades, 7 in the peons' grade and 33 in the protective line.

9. *Rough estimates of cost at existing rates for each year of the first Five-Year Plan*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Ps	Rs	Rs	Rs	l
(a) Capital	4,49,240	4,49,240	4,49,240	4,49,240	4,49,240	22,46
(b) Recurring (Average)	95,500	95,500	95,500	95,500	95,500	4,77
						27,23

10 *To what extent is the scheme productive or cost recoverable* — The actual financial return from timber and fuel will be very small. The direct benefits will be improved grass and grazing, but the greatest return will be indirect and will be obtained from the improved agricultural conditions over the country side as a whole.

11 *Nature of material machinery needed, etc., from—*

(a) *Abroad* — Nil.

(b) *Locally* — Nil

12 *Any other remarks or information* — Nil

- 1 Department — Medical
- 2 Scheme — Conversion of dispensaries into cottage hospitals
- 3 Brief description of the scheme — With a view to improving medical facilities in rural areas it is proposed to convert 33 dispensaries into cottage hospitals so that with the existing five such cottage hospitals there will be at least two cottage hospitals in each of the 19 districts of the Province. The cottage hospitals will provide a co-ordinating link between Subsidised Medical Practitioners on one hand and district headquarters hospitals on the other. The number of cottage hospitals to be opened in concentrated areas is 16 in the 1st year 3 in each of the four subsequent years of the 1st five years of the fifteen years programme
- 4 Areas selected for application — Concentrated areas
- 5 Other Departments concerned —
- 6 Upper staff for planning and/or execution of the scheme — 16 Bombay Medical Service Class II Officers on Rs 200—40—3—400 (Probationers Rs 150 for the 1st year and 180 for the 2nd year) plus H R 1 at Rs 25 per mensem
- 16 Subordinate Medical Service Officers on Rs 60—5—170
- 32 Nurses in the scale of Rs 30—3—39 plus Rs 15 per mensem Ration allowance and Rs 2/8 per mensem uniform allowance
- 32 Compounders at Rs 25—5/2—70
- 7 Lower staff for planning and/or execution of the scheme — 61 ward servants on Rs 15 per mensem each
- 32 sweepers on Rs 15 per mensem each
- 16 cooks on Rs 15 per mensem each
- 8 How staff to be recruited To be recruited from outside sources by advertisement
- 9

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Capital	4 90 000	3 15 000	3 15 000	3 15 000	3 15 000	16 80 000
Recurring	31 600	50 300	70 000	1 02 00	1 98 400	3 90 000*
Total	4 51 600	3 03 300	3 95 000	4 17 00	4 11 400	20 75 000

For each cottage hospital buildings required are estimated to cost Rs 1 00 000 and equipment at Rs 5 000

\* This is exclusive of the expenditure incurred on dispensaries at present vide remark below

- 10 To what extent is the scheme productive and/or cost recoverable—
- 11 Nature of material, machinery etc, needed from—
  - (a) Abroad —
  - (b) Locally — The hospital equipment will be obtained as far as possible from the military Hospitals after the war
- 12 Any other remarks or information — The dispensaries of local bodies are to be selected for conversion into cottage hospitals, but the cottage hospitals will be entirely controlled by Government and for that purpose an amount equal to the expenditure incurred at present on the dispensaries concerned by the local bodies will be recovered from them.

204  
**SCHEME No. 91.**

1 *Department* —Medical

2 *Scheme* —Appointment of Nurse midwives

3 *Brief description of the scheme* —The need for trained nursing and skill assistance for midwifery cases especially in rural areas, is universally recognised. With a view to meet this need, it is proposed to appoint 24 more nurse midwives in rural areas. The appointments are to be spread over a period of five years as follows —

1st year	5 Nurses
2nd year	5 Nurses
3rd year	5 Nurses
4th year	5 Nurses
5th year	4 Nurses

4 *Areas selected for application* —Concentrated areas

5 *Other Departments concerned* —

6 *Upper staff for planning and/or execution of the scheme* —24 Nurse midwives on a pay of Rs 40 plus house rent allowance at Rs 10 per mensem each

7 *Lower staff for planning and/or execution of the scheme* —

8 *How staff to be obtained* —To be recruited by candidates selected after advertisement, preference being given to those who have served in the Military Department

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	3 000	6 000	9 000	12 000	14 400	44 400
<b>Total</b>	<b>3 000</b>	<b>6 000</b>	<b>9 000</b>	<b>12 000</b>	<b>14 400</b>	<b>44 400</b>

\*1 side remark made below

10 *To what extent is the scheme productive and/or cost recoverable* —

11 *Nature of material machinery, etc., needed from—*

(a) *Abroad*—

(b) *Locally*—

## SCHEME No. 92.

1 Department —Public Health

2 Scheme —Improved sanitation and drainage in bigger towns and villages

3 Brief description of the scheme —Details of the scheme have not been settled.

4 Areas selected for application —

(1) Satara—All talukas

(2) Poona—Indapur taluka and Dhond and Sirur petas

(3) Sholapur—Karmala, Singola, Malsiras and Pindharpur talukas

(4) Ahmednagar—Newasa, Kopergaon, Rahuri, Ahmednagar, Parner and Shrigonda talukas and Karjat peta

(5) Kolaba—Mahad, Mangaon and Roha talukas

(6) Ratnagiri—All talukas except Vengurla peta

(7) Belgaum, Bijapur and Surat Districts—All talukas

5 Other Departments concerned —Public Works Department

6 Upper staff for planning and/or execution of the scheme —Some considerable staff will be required for planning and execution but without the extent of the scheme having been settled no estimate can be given

7 Lower staff for planning and/or execution of the scheme —Vide reply to 6 above

8 How staff to be obtained —Vide reply to 6 above

9 Rough estimate of cost at existing rates for each year of the first Five Year Plan —

	1st year	2nd year	3rd year	4th year	5th year	Total
--	----------	----------	----------	----------	----------	-------

(a) Capital

(b) Recurring

Total

In view of reply to (3) above no idea can be given about rough estimate

10 To what extent is the scheme productive and/or cost recoverable —No information available

11 Nature of material machinery etc. needed from—

(a) Abroad —No information available

(b) Locally —Do

12 Any other remarks or information —No information available

**SCHEME No. 93.**

1 *Department*—Public Health  
 2 *Scheme*—Improved Village Water Supply  
 3 *Brief description of the scheme*—It is proposed to improve village water supply in certain selected areas by digging more wells, improvement of tanks etc where there is shortage of water

4 *Areas selected for application*—

- (1) *Satara*—All talukas
- (2) *Poona*—Indapur taluka and Dhond and Sirur petas
- (3) *Sholapur*—Karmala, Sangola, Malsiras and Paudharpur talukas
- (4) *Ahmednagar*—Newasa, Kopergaon, Rahuri, Ahmednagar, Parner and Shrigonda talukas and Karjat Peta
- (5) *Kolaba*—Mahad, Mangaon and Roha talukas
- (6) *Ratnagiri*—All talukas except Vengurla Peta
- (7) *Belgaum, Bijapur and Surat Districts*—All talukas

5 *Other Departments concerned*—Public Works Department and Revenue Department so far as action relating to acquirement of sites for wells etc is concerned

6 *Implementation*—  
 by the — — — — —  
 can be done by the local Public Works Department staff and/or the District Local Board Staff

7 *Lower staff for planning and or execution of the scheme*—Public Works Department Overseers and other staff will be required. But since the proposals submitted by the Commissioners are not complete estimates cannot be given. But some work can be done by the local Public Works Department staff and/or the District Local Board staff

8 *How staff to be obtained*—By qualified engineering staff released by the military or by local recruitment if ordinary Public Works Department staff is unable to cope with the work

9 *Rough estimate of cost at existing rates for each year of the first Five-Year Plan*—

	(a) Capital (Non-recurrent)	(b) Recurrent	Total
	Rs	Rs	Rs
1st year	10 lakhs		
2nd year	10 lakhs		
3rd year	10 lakhs		
4th year	10 lakhs		
5th year	10 lakhs		
<b>Total</b>	<b>50 00,000</b>		

Note—Full details have yet to be worked out. However estimates of projects costing about Rs 67 lakhs were prepared. Some projects have been executed. Estimate will require revision. But roughly a sum of Rs 50 00 000 may be necessary during a period of 5 years. Priority will be given to the projects in the concentrated areas.

10 *To what extent is the scheme productive and/or cost recoverable*—The scheme will be of immense benefit to villagers

11 *Nature of material, machinery, etc., needed from*—

(a) *Abroad*—Nil

(b) *Locally*—Bricks, lime, cement etc required for wells etc

12 *Any other remarks or information*—Nil

## SCHEME No. 94.

1 *Department* —Public Health

2 *Scheme* —Child Welfare and Maternity Centres

3 *Brief description of the scheme* —The proposal deals with creation of Centres for carrying out work in connection with Maternity and Child Welfare in the Districts where District Health Officers are functioning at present or will be appointed. A Lady Assistant Director of Public Health is proposed to be appointed who will supervise the work of all Centres, each Centre being under a Woman Medical Officer under the control of the District Health Officer. Four Health Visitors and Eight Midwives will be appointed under the Woman Medical Officer in charge of the Centre. The Health Visitors and Midwives will have women peons recruited from untainted Dais. The Medical Officer will supervise the work of Health Visitors and Midwives. For the purposes of direction there will be one Assistant Director of Public Health for all the Centres. The Health Visitors will check up ante natal registration, provide instruction to expectant and nursing mothers, arrange for clinics on this behalf, supervise the work of the midwife in respect of her natal and post natal work, arrange for the examination of expectant mothers, infants and pre school children and give suitable advice as regards their health to the mother.

4 *Areas selected for application* —There will be one Centre in each district with a group of villages comprising 30,000 to 40,000 population.

5 *Other Departments concerned* —Nil

6 *Upper staff for planning and/or execution of the scheme* —(a) (i) No staff is required for planning

(ii) *For execution* —One Woman Assistant Director of Public Health, with D P H qualification, in the scale of Rs 400—30—700—35—1,050. 10 Women Medical Officers (M B B S or L C P S) in the scale of Rs 150—10—250 for the districts of Bad East Khandesh, West Khandesh, Nasik, where District Health Officers are already func

7 *Lower staff for planning and/or execution of the scheme* —(a) No staff is required for planning

staff will be required —40 Health Visitors in the scale of 50—5—70 each, for 180 midwives in the scale of 50—5—70 each, for Lady Assistant Director of Public Health, one at Rs 60 per mensem and the other at Rs 30 per mensem in the scales of 60—5/2—75 and Rs 25—5/2—55, respectively

120 Woman peons for the Health Visitors and Midwives at Rs 15 per mensem each

2 peons for Lady Assistant Director of Public Health at Rs 17 per mensem each

8 *How staff to be obtained* —

(a) *Upper staff* —By advertisement or by selection of suitable candidates from the Medical or Military Department.

(b) *Lower staff* —By advertisement or by selection of suitable candidates from Returned soldiers

9 *Rough estimate of cost at existing rates for each year of the first Five Year Plan —*

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	P.
(a) Capital (Non recurrent)	50 000	Nil	Nil	Nil	Nil	50 000
(b) Recurring	2 50 000	2 51 000	2 52 000	2 53 000	2 54 000	12 60 000
Total	3 00 000	2 51 000	2 52 000	2 53 000	2 54 000	13 10 000

10 *To what extent is the scheme productive and/or cost recoverable —* The Scheme is of lasting benefit to the rural population including families of Returned soldiers though it may not be productive in terms of money nor is any cost recoverable

11 *Nature of material machinery, etc, needed from—*

(a) *Abroad —* Nil

(b) *Locally —* Furniture equipment etc

12 *Any other remarks or information —* Nil



## SCHEME No. 95.

1 Department—Public Health.

2 Scheme—Establishment of two more Health Units in the Province on the lines of the Health Unit at Sirur

staff and rural practitioners service, as suggested by the Central Advisory Board of Health

4 Areas—One each in the Northern and Southern Divisions of the Province (There is one unit already working the Central Division)

5 Other Departments concerned—Local Bodies and Revenue Department

6 Upper staff for planning and/or execution of the scheme—No staff is required for planning Two Medical Officers of Health on a payscale of Rs 300—40/3—500 Qualifications—Medical qualification registrable by the Bombay Medical Council plus British Diploma in Public Health or B Hy (Bom) or D P H (Bom) or D P H (Calcutta)

7 Lower staff for planning and/or execution of the scheme—No staff is required for planning For execution of the scheme two Lady Doctors 8 Health Visitors, 16 Midwives, 8 Sanitary Inspectors 2 Clerks, 4 peons and 11 Sanitary Orderlies

Qualifications—

Lady Doctors—M B B S or L C P S

Health Visitors—Health Visitors Diploma granted by the Bombay Nurses, Midwives and Health Visitors Council

Midwives—Midwife's Diploma granted by the Bombay Nurses, Midwives and Health Visitors' Council

Sanitary Inspectors—Sanitary Inspectors Examination Certificate

Payscales—

Lady Doctors—Rs 150—10—190

Health Visitors and Sanitary Inspectors—Rs 60—10/2—150

Midwives—Rs 50—5—75

Sanitary Orderlies and Peons—Rs 14 per mensem each

8 How staff to be obtained—

Upper staff—To be obtained either by releasing required personnel from the Defence Forces or in the alternative by advertisement

Lower staff—To be recruited locally Returned soldiers can be employed in the posts of peons and sanitary orderlies

9 Rough estimate of cost at existing rates for each year of the First Five Year Plan—

(a) Capital—Rs 5,000 (Equipment including furniture, propaganda material,

etc)

(b) Recurrent—Rs 81,000 approximately

Note—Cost in first year

Cost in second year

Total

Rs  
86 000  
82 000

1,68,000

₹

10 *To what extent the scheme is productive and/or cost recoverable* —The scheme is

service

11 *Nature of material machinery etc needed from* —

(a) *Abroad* —Nil

(b) *Locally* —Augers for boring holes for village latrines, disinfectants like phenyle lysotol white, bleaching powder, Tropical chloride of lime, potassium permanganate, barium carbonate, phowras, Ghamelas, pick axes, etc

12 *Any other remarks* —The scheme is complete in itself. No recruitment timetable or planning is required. It is proposed to introduce from the financial year 1945-46 as some difficulty is anticipated to get together the qualified staff required to execute the scheme. Otherwise the scheme is very beneficial, does not admit of delay and hence it is to be undertaken even during the pendency of the war. It is proposed to sanction the scheme for a period of two years commencing from 1945-46.

## SCHEME No. 96.

1 Department—Educational

2 Scheme—Training of Primary Teachers for employment in concentrated areas

3 Brief description of the scheme—Opening of eight Primary Training Colleges with hostels (five for men and three for women)

4 Areas selected for application—Districts of Ratnagiri, Kolaba, Satara, Poona, Ahmednagar, Sholapur, Belgaum, Bijapur and Surat

■ Other Departments concerned—

6 Upper staff for planning and/or execution of the scheme—For planning—Nil  
For execution—(1) 8 B E S Class II posts in the scale of Rs 170—500, (2) 40 trained graduates (men) in the scale of Rs 45—175 (3) 24 trained graduates (women) in the scale of Rs 85—175, (4) 16 clerks in the scale of Rs 25—5/2—55 and (5) Two part time teachers on Rs 30 per mensem each

7 Lower staff for planning and/or execution of the scheme—For planning—Nil  
For execution—160 inferior servants on pay ranging from Rs 12 to Rs 15 per mensem

8 How staff to be obtained—

(1) Upper staff—By promotion in the Department

(2) Lower staff—By recruitment, as far as possible from returned soldiers

9 Rough estimate of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	40 000	40 000				80 000
(b) Recurring	1 40 000	3 41 000	3 96 000	4 01 000	4 06 000	16 84 000
Total	1 80 000	3 81 000	3 96 000	4 01 000	4 06 000	17 64 000

10 To what extent is the scheme productive and/or cost recoverable—

11 Nature of material machinery etc, needed from—

(a) Abroad—

(b) Locally—Furniture and equipment to be purchased locally

12 Any other remarks or information—It is proposed to start only four Training Institutions in the first year of the post war plan the remaining four institutions being opened in the second year of the plan. Each Training College will turn out 80 second year teachers per year. The colleges will be located in rented building huts for teachers.

## SCHEME No. 97.

- 1 Department —Educational.
2. Scheme —Opening of hostels for girls in the concentrated areas.
- 3 Brief description of the scheme —It is proposed to open 19 hostels for girls to be attached to full grade primary schools for girls in the concentrated areas at the rate of 4 hostels every year for the first 4 years of the scheme and three hostels for the fifth year. Each hostel will provide accommodation for 40 to 50 girls under the supervision of a Matron.
- 4 Areas selected for application —Districts of Satara, Ratnagiri, Kolaba, Poona, Sholapur, Ahmednagar, Belgaum, Bijapur and Surat
- 5 Other Departments concerned —
- 6 Upper staff for planning and/or execution of the scheme —
  - (1) For planning —Nil
  - (2) For execution —One trained woman primary teacher in the scale of Rs. 25—1/2—30—1—10 (with free quarters) to supervise each hostel
- 7 Lower staff for planning and or execution of the scheme —
  - (1) For planning —Nil
  - (2) For execution —
    - 38 cooks on a pay of Rs 15 per mensem each.
    - 19 kitchen servants on a pay of Rs 13 per mensem each.
    - 19 kamathis on a pay of Rs 12 per mensem each
- 8 How staff to be obtained —By recruitment
- 9 Rough estimate of cost at existing rates for each year of the First Five-Year Plan.—

—	1st year	2nd year	3rd year.	4th year	5th year	Total
	Rs	Rs	Rs.	Rs	Rs.	Rs
(a) Capital	2,000	2,000	2,000	2,000	1,500	9,500
(b) Recurring	13,000	29,000	45,000	61,000	74,000	2,22,000
Total	15,000	31,000	47,000	63,000	75,500	2,31,500

10. To what extent is the scheme productive and/or cost recoverable —
11. Nature of material, machinery, etc., needed from—
  - (a) Abroad —
  - (b) Locally.—Cooking utensils and furniture to be obtained locally.
12. Any other remarks or information —Every hostel is expected to cost about Rs 500 non recurring and about Rs 4,100 recurring (inclusive of stipends to about 12 months) Suitable Till then, the hostels

# SCHEME No 98

1 Department —Educational

2 Scheme —Opening of Agricultural Bias Schools in the concentrated areas

3 Brief description of the scheme —It is proposed to open 20 Agricultural Bias Schools in the concentrated areas. Each school will be a full grade school with a staff of 10 teachers and one field assistant. The schools will be run directly by the Government and be housed in the concentrated areas.

4 Areas selected for application —Districts of Ratnagiri, Kolaba, Satara, Poona, Ahmednagar, Sholapur, Belgaum, Bijapur and Surat.

5 Other Departments concerned —Department of Agriculture.

6 Upper staff for planning and/or execution of the scheme —

(1) For planning—Nil

(2) For execution—(i) 180 trained primary teachers in the scale of Rs 25—1/2—30—1—40

(ii) 20 trained primary teachers with special knowledge in Agriculture in the scale of Rs 25—1/2—30—1—40 plus a graded allowance of Rs 5—2/3—15

7 Lower staff for planning and/or execution of the scheme —

(1) For planning—Nil

(2) For execution—20 field assistants on Rs 30 per mensem each

8 How staff to be obtained —By recruitment

The field assistants are to be recruited as far as possible from skilled returned soldiers.

9 Rough estimate of cost at existing rates for each year of the First Five Year Plan —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	20 000					20 000
(b) Recurring	11 000	11 000	11 000	11 000	11 000	50 000
Total	13 000	11 000	11 000	11 000	11 000	50 000

\* This will be for implements, tools, equipment, furniture, etc. for the schools. Every school is expected to cost about Rs. 1000.

10 To what extent is the scheme self-productive and/or cost recoverable —Each school may yield an income of about Rs 500 per annum which, however, is to be utilised in improving the school and its equipment.

11 Nature of material machinery, etc. needed from —

(a) Abroad —Nil

(b) Locally —Equipment to be obtained locally.

12 Estimated cost of the scheme —Each Agricultural Bias School is expected to cost Rs. 1000. It is proposed to open 20 such schools.

to open 20 such schools in existing agricultural bias areas.

## SCHEME No 99

1 *Department*—Educational

2 *Scheme*—Additional Primary Schools to be opened in school less villages in the concentrated areas

3 *Brief description of the scheme*—It is proposed to encourage private bodies to open schools in the 600 villages in the concentrated areas with a population of 400 and over which have at present no schools. It is proposed to aid directly a schools with 2 or 3 teachers as A class approved schools and others as voluntary schools.

4 *Areas selected for application*—Districts of Ratnagiri Kolaba Satara Poona Ahmednagar Sholapur Belgaum Bijapur and Surat

5 *Other Departments concerned*—Nil

6 *Upper staff for planning and/or execution of the scheme*—The schools will be opened through private bodies with a grant-in aid from Government. No staff therefore will be appointed by Government.

7 *Lower staff for planning and/or execution of the scheme*—The schools will be opened through private bodies with a grant-in aid from Government. No staff therefore will be appointed by Government.

8 *How staff to be obtained*—The schools will be opened through private bodies with a grant in aid from Government. No staff therefore will be appointed by Government.

9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan*—

—	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital						
(b) Recurring	1 99 000	1 99 000	1 99 000	1 99 000	1 99 000	9 95 000
Total	1 99 000	1 99 000	1 99 000	1 99 000	1 99 000	9 95 000

10 *To what extent is the scheme productive and/or cost recoverable*—

11 *Nature of material machinery etc needed from*—

(a) Abroad—

(b) Locally—

12 *Any other remarks or information*—In the concentrated areas there are some 150 school less villages with a population of 700 and over some 200 villages with a population of 500 to 700 and some 300 villages with a population of 100 to 500.

## SCHEME No. 100.

1. *Department* —Educational
2. *Scheme* —Provision of playgrounds and school farms
3. *Brief description of the scheme* —The proposal approved administratively

the first five years of the Post War Reconstruction Programme

4. *Areas selected for application*, —Districts of Ratnagiri, Kolaba, Satara, Poona, Ahmednagar, Sholapur, Belgaum, Bijapur and Surat
5. *Other Departments concerned* —Revenue and Agricultural Departments
6. *Upper staff for planning and/or execution of the scheme* —Nil
7. *Lower staff for planning and/or execution of the scheme* —Nil
8. *How staff to be obtained* —Nil
9. *Rough estimate of cost at existing rates for each year of the First Five-Year Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1,00,000	1,00,000	1,00,000	1,00,000	1,00,000	5,00,000
(b) Recurring	Nil	Nil	Nil	Nil	Nil	Nil
Total	1 00 000	1,00 000	1 00 000	1 00 000	1 00 000	5 00 000

10. *To what extent is the scheme productive and/or cost recoverable* —
11. *Nature of material machinery, etc., needed from* —
  - (a) *Abroad* —
  - (b) *Locally* —
12. *Any other remarks or information*

## SCHEME No. 101.

1 Department—Education.

2 Scheme—Opening of 4 more Agricultural High Schools

3

High Schools

I to IV in the first year of the Post-War Reconstruction Programme and by standards are to be added in succeeding years so that the schools should be full in Schools within four years

4 Areas selected for application—The question of the location of these Schools is still under the consideration of Government

5 Other Departments concerned—Revenue Department

6 Upper staff for planning and/or execution of the scheme—

4 B E S Class II posts (170—500).

40 Trained graduate teachers (45—175)

4 Clerks (25—55)

Agricultural staff—

4 Agricultural teacher supervisors (45—175)

8 Agricultural Teachers (45—175)

8 Field Assistants (30—60)

5 Farm servants—Rs 15 each

7 Lower staff for planning and/or execution of the scheme.—

36 Inferior servants (including farm servants)—Rs 15

4 Laboratory Hamals—19—1½—29

8 How staff to be obtained.—

Upper—By recruitment or promotion

Lower—By recruitment

9 Rough estimate of cost at existing rates for each year of the First Five-Year Plan.

	1st year.	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1,04,000	8,000	24,000	4,000		*1,40,000
(b) Recurring	39,344	65,012	55,780	93,980	99,928	3,86,044
Total	1,43,344	73,012	1,09,780	99,980	99,928	5,26,044

\* It has been proposed to construct four buildings for the four High Schools at a cost of Rs 4,00,000. The details are being scrutinised separately.

10 To what extent is the scheme productive and/or cost recoverable—Fees from students at Rs 3,000 per School per year

11 Nature of material, machinery, etc., needed from—

(a) Abroad—

(b) Locally—

Furniture and equipment will be obtained locally

12 Any other remarks or information—There are already four Agricultural High Schools in Satara, Jalgaon, Bijapur and Godhra. It is proposed to open 4 more Agricultural High Schools so that there will be as far as possible 2 such schools in each Educational Division.



## SCHEME No. 102.

- 1 Department—Education
- 2 Scheme—Opening of Technical High Schools
- 3 Brief description of the scheme—Two Technical High Schools are to be opened in the concentrated areas
- 4 Areas selected for application—The question of the location of these High Schools is still under the consideration of Government
- 5 Other Departments concerned—Department of Industries
- 6 Upper staff for execution of the scheme—
  - 2 II E S Class II officers (Rs 170—500)
  - 20 Trained graduate teachers (Rs 15—175)
  - 3 Clerks (Rs 25—55)
- Technical staff
  - 2 Engineering Superintendents (Rs 170—340)
  - 2 Assistant Engineering Superintendents (Rs 120—150)
  - 4 Draftsmen (Rs 70—130)
  - 2 Carpenters (Rs 60—75)
  - 2 Fitters—Rs 60—75
  - 2 Blacksmiths—Rs 45
  - 2 Turners—Rs 60—75
  - 2 Electricians—Rs 50—70
  - 2 Moulders—Rs 45
  - 2 Storekeepers—Rs 25—55
  - 2 Oilmen—Rs 25
  - 2 Instructors for Wireman's class—Rs 40—50
- 7 Lower staff for execution of the scheme—24 inferior servants on Rs 15 to 20 and 2 laboratory Assistants on Rs 19— $\frac{1}{2}$ —29
- 8 How staff to be obtained—Upper by recruitment or by promotion  
Lower by recruitment
- 9 Rough estimate of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs.
a) Capital	2 00 000	75 000	75 000	75 000	75 000	2 00 000
b) Recurring	60 000					3 60 000
Total	60 000	75 000	75 000	75 000	75 000	5 60 000

- 10 To what extent is the scheme productive and/or cost recoverable—Fees from students at Rs 5 000 per year
  - 11 Nature of material machinery etc needed from—
    - (a) Abroad—
    - (b) Locally—The equipment and furniture will be purchased locally
  - 12
- one in  
that it  
in item  
been proposed to open the High Schools with standards I to IV in the first year of programme and to add higher standards every year so that the the P fall High Schools within four years. The scheme has not school been 1

## SCHEME No 101.

- 1 Department—Education
- 2 Scheme—Opening of 4 more Agricultural High Schools
- 3 Brief description of the scheme—The proposal is to open four more Agricultural High Schools in the Concentrated areas. The Schools are to be opened with Stand I to IV in the first year of the Post War Reconstruction Programme and high standards are to be added in succeeding years so that the schools should be full High Schools within four years.
- 4 Areas selected for application—The question of the location of these High Schools is still under the consideration of Government.
- 5 Other Departments concerned—Revenue Department
- 6 Upper staff for planning and/or execution of the scheme—
  - 4 B E S Class II posts (170—500)
  - 10 Trained graduate teachers (15—175)
  - 4 Clerks (25—55)
  - Agricultural staff—
    - 4 Agricultural teacher supervisors (15—175)
    - 8 Agricultural Teachers (15—175)
    - 8 Field Assistants (30—60)
    - 5 Farm servants—Rs 15 each
- 7 Lower staff for planning and/or execution of the scheme—
  - 36 Inferior servants (including farm servants)—Rs 15
  - 4 Laboratory Hamals—19—1/2—29
- 8 How staff to be obtained—
  - Upper—By recruitment or promotion
  - Lower—By recruitment
- 9 Rough estimate of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1 04 000	8 000	24 000	4 000		1,40,000
(b) Recurring	30 344	63 012	85 780	90 980	99 903	3 70,019
Total	1 43 344	71 012	1 09 780	94 980	99 903	5 20,019

\* It has been proposed to construct four buildings for the four High Schools at a cost of Rs. 1 00 000. The details are being scrutinised separately.

- 10 To what extent is the scheme productive and/or cost recoverable—Fees from students at Rs 3 000 per School per year
- 11 Nature of material, machinery, etc., needed from—
  - (a) Abroad—
  - (b) Locally—
 Furniture and equipment will be obtained locally
- 12 Any other remarks or information—There are already four Agricultural High Schools in Sitara Jalgaon, Bijapur and Godhra. It is proposed to open 4 more Agricultural High Schools so that there will be as far as possible 8 such schools in each Educational Division.

## SCHEME No. 102.

1 Department—Education

2 Scheme—Opening of Technical High Schools

3 Brief description of the scheme—Two Technical High Schools are to be opened in the concentrated areas

4 Areas selected for application—The question of the location of the two High Schools is still under the consideration of Government

5 Other Departments concerned—Department of Industries

6 Upper staff for execution of the scheme—

2 B L S Class II officers (Rs 170—500)

3 Trained graduate teachers (Rs 15—175)

2 Clerks (Rs 25—55)

## Technical staff

2 Engineering Superintendents (Rs 170—310)

2 Assistant Engineering Superintendents (Rs 120—150)

4 Draftsmen (Rs 70—130)

2 Carpenters (Rs 60—75)

2 Fitters—Rs 60—75

2 Blacksmiths—Rs 15

2 Turners—Rs 60—75

2 Electricians—Rs 50—70

2 Moulders—Rs 45

40—50

7 Lower staff for execution of the scheme—21 inferior servants on Rs 15 to 20 and 2 laboratory Assistants on Rs 19—1—29

8 How staff to be obtained—Upper by recruitment or by promotion  
Lower by recruitment

9 Rough estimate of cost at existing rates for each year of the First Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total.
	Rs	Rs	Rs	Rs	Rs.	Rs
(a) Capital	2 00 000					2 00 000
(b) Recurring	60 000	75 000	75 000	75 000	75 000	3 60 000
Total	2 60 000	75 000	75 000	75 000	75 000	5 60 000

10 To what extent is the scheme productive and/or cost recoverable—Fees from students at Rs 5 000 per year

11 Nature of material machinery etc needed from—

(a) Abroad—

(b) Locally—The equipment and furniture will be purchased locally

12 Any other remarks or information—There are two Technical High Schools, one in Bombay and the other in Solapur and it is proposed to open two more so that there will be one such school in each Educational Division. The figures shown in item 9 above are only tentative and will have to be considerably altered as it has been proposed to open the High Schools with Standards I to IV in the first year of the P W R programme and to add higher standards every year so that the schools should be full High Schools within four years. The scheme has not been finally approved by Government.

# SCHEME No. 105.

- 1 Department—Educational.
- 2 Scheme—Strengthening of the Inspecting staff
- 3 Brief description of the scheme—It is proposed to create 105 additional posts of Assistant Deputy Educational Inspectors at the rate of 21 posts (18 men and 3 women) every year for five years for the concentrated areas
- 4 Areas selected for application—Districts of Ratnagiri, Kolaba, Satara, Poona, Ahmednagar, Sholapur, Belgaum, Bijapur and Surat
- 5 Other Departments concerned—Nil
- 6 Upper staff for planning and/or execution of the scheme—90 trained graduates (men) in the scale of Rs 45—5—115—Efficiency Bar—5—145—Efficiency Bar—6—175 15 trained graduates (women) in the scale of Rs 85—5—115—Efficiency Bar—5—145—Efficiency Bar—6—175
- 7 Lower staff for planning and/or execution of the scheme.—  
100 Peons on Rs 14 per mensem each  
5 Peons on Rs 15 per mensem each
- 8 How staff to be obtained—  
Upper staff—By transfer from Government Schools or recruitment  
Lower staff—By recruitment as far as possible from returned soldiers
- 9 Rough estimate of cost at existing rates for each year of the first Five-Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs.
(a) Capital	2,100	2,100	2,100	2,100	2,100	10,500
(b) Recurring	85,900	1,21,800	1,57,600	1,93,700	2,29,700	7,98,900
Total	88,000	1,23,900	1,59,700	1,95,800	2,31,800	7,99,400

- 10 To what extent is the scheme productive and/or cost recoverable
- 11 Nature of material, machinery, etc., needed from—  
(a) Abroad—  
(b) Locally—Furniture costing Rs 100 for each Assistant Deputy Educational Inspector is to be obtained locally
- 12 Any other remarks or information—The existing inspecting staff is very inadequate in numbers to exercise effective and efficient supervision over primary schools in the Province. At present every Assistant Deputy Educational Inspector has to inspect about 75 schools. He cannot effectively supervise such a large number of schools with the result that the efficiency of the schools suffers. It is therefore proposed to create 190 additional posts of Assistant Deputy Educational Inspectors (105 under this scheme and 85 under scheme No. 41) so as to bring the ratio of inspecting officers to schools from 1.75 to the ideal ratio of 1.50. It was originally intended to implement this scheme immediately but Government has now decided to take it up after the termination of war.

# **SCHEME No. 106.**

- 1 *Department* — Educational
- 2 *Scheme* — Medical inspection and treatment of school children
- 3 *Brief description of the scheme* — It is proposed to introduce a scheme of medical inspection of children in primary and secondary schools
- 4 *Areas selected for application* — Selected talukas in the Districts of Satara, Ratnagiri, Kolaba, Pooni, Sholapur, Ahmednagar, Belgaum, Bijapur and Surat
- 5 *Other Departments concerned* — General Department
- 6 *Upper staff for planning and/or execution of the scheme* —
  - (1) For planning — Nil
  - (2) For execution — (a) 125 B M S Class II officers, in the scale of Rs 200—40/3—100 (Probationers Rs 150 for 1st year and Rs 180 for second year)
  - (ii) 125 compounders in the scale of Rs 25—5/2—70
- 7 *Lower staff for planning and/or execution of the scheme* —
  - (1) For planning — Nil
  - (2) For execution — 125 peons on a pay of Rs 15 each
- 8 *How staff to be obtained* The B M S Class II officers and compounders to be recruited from those returning from war service
- 9 *Rough estimate of cost at existing rates for each year of the First Five Year Plan* —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	1 00 000					1 00 000
(b) Recurring	3 50 000	3 50 000	3 50 000	3 50 000	3 50 000	17 50 000
<b>Total</b>	<b>4 50 000</b>	<b>3 50 000</b>	<b>3 50 000</b>	<b>3 50 000</b>	<b>3 50 000</b>	<b>18 50 000</b>

- 10 *To what extent is the scheme productive and/or cost recoverable* —
- 11 *Nature of material, machinery etc needed from* —
  - (a) Abroad —
  - (b) Locally — Equipment and furniture etc for the medical officers to be purchased locally
- 12 *Other remarks or information* — For the inspection of children in primary and secondary schools, B M S Class II officers who will be of the age of about 25 years and will be treated and examined as often as necessary. Medical inspection and treatment of secondary school children is proposed to be arranged at Government hospitals and/or Local Board Dispensaries at special sessions to be held for the purpose. Extra staff will be provided at these hospitals to cope with the additional work.

- 10 *To what extent is the scheme productive and/or cost recoverable* —The scheme will develop the Cottage Industries of the Province as well as improve the economic condition of cotton workers No cost is recoverable .
- 11 *Nature of material, machinery, etc , needed from —*
- (a) *Abroad* —Lathes and tools, etc
- (b) *Locally* —Other equipment such as looms, beams, shuttles, etc
- 12 *Any other remarks or information* —The details of the scheme have not yet been approved by Government

# SCHEME No. 109.

1 Department—Department of Industries

2 Scheme—Publicity and Propaganda Scheme (Reorganisation Department—1)

3 Brief description of the scheme—It is proposed to bring to the notice of all villagers and others the importance of cottage industries and the help rendered by the Department by means of artistic posters, advertisement photographs and with the aid of magic lanterns, etc.

4 Areas selected for application—Whole province

5 Other Departments concerned—Nil

6 Upper staff for planning and/or execution of the scheme—Propaganda and Publicity Officer

7 Lower staff for planning and/or execution of the scheme—Two clerks and two peons

8 How staff to be obtained—By public advertisement by the Department of Industries

9 Rough estimate of cost at existing rates for each year of the first Five Year Plan—

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital	5,000	(Equipment)				5,000
(b) Recurring	10,332	10,512	10,932	11,172	11,532	4,180
Total	15,332	10,512	10,932	11,172	11,532	53,480

10 To what extent is the scheme productive and/or cost recoverable—Nil

11 Nature of material machinery etc. needed from—

(a) Abroad—Nil

(b) Locally—Nil

12 Any other remarks or information—The details of the scheme have not yet been approved by Government

## SCHEME No. 110.

- 1 Department —General Educational Department (Industries)
- 2 Scheme —Headquarter staff for planning and execution of Post War Reconstruction Schemes pertaining to the Department of Industries
- 3 Brief description of the scheme —In order to give effect to Post War Reconstruction schemes pertaining to the Department of Industries it is proposed to strengthen both gazetted and non gazetted staff at the Headquarter and Districts
- 4 Cases selected for application —
- 5 Other Departments concerned —
- 6 Types of staff for planning and execution of the scheme —One Deputy Director of Industries in the scale of 600—30—660—10—1 100 and four District Industrial Officers in the scale of 150—10—250—15—100
- 7 Lower staff for planning and/or execution of the scheme—

*Headquarter Staff*

	Scale of pay
(1) Three Heads of Branches	110—10—180
(2) Three Senior Clerks	95—5—140
(3) Six Junior Clerks	50—5/2—90
(4) One Stenographer	110—5—140
(5) Three Typists	50—5/2—90
(6) Three Peons	@Rs 23 p m

*District Staff*

(1) Four Industrial Inspectors	100—5/2—150
(2) Eight Junior Clerks	25—5/2—55
(3) Eight Peon	@Rs 14 p m

- 8 How staff to be obtained —By public advertisement
- 9 Rough estimate of cost at existing rates for each year of the first Five Year Plan —

		1st year	2nd year	3rd year	4th year	5th year	Total
		Rs	Rs	Rs	Rs	Rs	Rs
(a) Capital —							
	Furniture of all offices	500					500
(b) Recurring —							
	Establishment pay and allowances	16704					
	Contingencies	1000					
	Service post and Miscellaneous Office expenses rent rates taxes	600					
	Books etc						
	Total	17304	16704	16704	16704	16704	84316



10 *To what extent is the scheme productive and/or cost-effective?*—The scheme is meant to strengthen the staff at the Headquarter and District for execution of the Post-War Reconstruction Schemes pertaining to the Department of Industries.

11 *Nature of material machinery, etc., needed from*

(a) *abroad*—Nil

(b) *locally*—Nil

12 *Any other remarks or information*—The creation of the post of an additional Deputy Director of Industries for the framing and execution of post war reconstruction schemes has been administratively approved by Government. The proposal regarding the other staff is under the consideration of Government. It is proposed to reserve 50 per cent. of the posts for candidates with approved war service.

## SCHEMES Nos. 111 AND 112.

1 *Department*—Home Department (Political)

2 *Scheme*—Village Amenities Centres for ex soldiers

3 *Brief description of the Scheme* It is proposed to establish recreation centres with club houses, gymnasiums and libraries in villages which have sent a large number of recruits (say over 50). Such facility would be welcomed by ex soldiers and would help them to retain their *esprit de corps*. 50 such centres will be established at Bazaar town in the heavy recruitment areas at an approximate initial cost of Rs. 1,000 each as an experiment in the first instance. The scheme will be administered through the Bombay Provincial Sailors', Soldiers' and Airmen's Board in combination with the scheme of Village 'Chavdis' wherever possible.

4 *Area selected for application*—Heavy recruitment areas such as Ratnagiri, Sindhudurg and Belgaum Districts.

5 *Other Departments concerned*—The Revenue Department as regards 'chavdis' and the General Department as regards libraries.

6 *Upper staff for planning and/or execution of the scheme*—Nil

7 *Lower staff for planning and/or execution of the scheme*—Nil

8 *How staff to be obtained*—Does not arise

9 *Rough estimates of cost at existing rates for each year of the first five-year plan*—Approximate cost for 50 club houses—Rs. 50,000

10 *To what extent the scheme is productive and/or cost recoverable.*—The scheme is neither productive nor is the cost recoverable.

11 *Source of material machinery, etc., needed from*—

(a) *Abroad*—Nil

(b) *Locally*—Nil

12 *Any other remarks or information*—No precise estimates of cost each year can be given. The scheme will be put through as soon as possible after the end of the war and if successful will be extended to more centres.

## SCHEME No 113

1 Department —Revenue

2 Scheme —Village amenities—Chavdis

3 Brief description of the scheme —Construction of 20 chavdis as shown below —

Northern Division	30
Central Division	100
Southern Division	100
	230

4 Areas selected for application —Concentrated areas viz Surat, Surtar, Poon, Sholapur, Ahmednagar, Kolhapur, Ratnagiri, Belgum, Bijapur Districts

5 Other Departments to be consulted —Public Works Department

6 Upper staff for planning and/or execution of the scheme —No additional staff is required. The work of preparation of plans and estimates and execution of the works may be entrusted to the Public Works Department.

7 Lower staff for planning and/or execution of the scheme —No additional staff is required. The work of preparation of plans and estimates and execution of the works may be entrusted to the Public Works Department.

8 How staff to be obtained —This question does not arise.

9 Rough estimate of the cost at the existing rates for each year of the First Five Year Plan —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs
a) Capital	1 84 000	1 84 000	1 84 000	1 84 000	1 84 000	9 20 000
b) Recurring						
Total	1 84 000	1 84 000	1 84 000	1 84 000	1 84 000	9 20 000

10 To what extent is the scheme productive and/or cost recoverable —Chavdis are very useful for touring officers. They serve the purpose of office for village officers for collection of land revenue and other Government dues and for the preservation of village records.

11 Details of materials, machinery, etc. needed from —

(a) Abroad—

(b) Locally—Earth, stones, wooden planks and such other articles which will generally be required for construction of an ordinary house.

Chavdis may be combined

12

with Chavdis —

## SCHEME No. 114.

1 Department —Home Department (Political)

2 Scheme —Buildings for hostels for children of Indian Soldiers

3 Brief description of the Scheme —With a view to providing educational facilities for the children and other dependants of soldiers, it is proposed to set up hostels for them, which may be acquired where suitable. Where necessary, buildings will be constructed at Government cost. The scheme will be administered through the Military and Civil Supplies Soldiers and Sailors Board. 13 such hostels are already in the planning and started functioning, and 3 more will shortly be started. Some of these which are at present inadequately housed will have to be housed better after the war buildings at Government cost being constructed wherever necessary.

4 Localities selected for application —Districts of Ratnagiri, Satara, Sholapur, East Khandesh, Kolhapur, Ahirwar, Bilaspur and Kanpur.

5 (a) Department concerned —Public Works Department.

6 Upper staff for planning and or execution of the scheme —Nil

7 Lower staff for planning and or execution of the scheme —Nil

8 How staff to be obtained —Does not arise

9 Rough estimates of cost for existing rates for each year of the first Five-Year Plan —See remarks against 12 below

10 To what extent the scheme is productive and/or cost recoverable —The scheme is neither productive nor is the cost recoverable

11 Nature of material, machinery, etc., needed from—

(a) Abroad—Nil

(b) Locally—Ordinary building materials

12 Any other remarks or information —It is likely that after the War such hostels would be set up at more centres. The setting up of similar hostels for girls is also under consideration.

No precise estimates regarding the expenditure on the scheme year by year can be given. It is expected that in some centres military buildings would be available after the War. Where building at Government cost is necessary it is proposed to put up such buildings as soon as possible after the War.

# SCHEME No. 115.

1. Department — Public Works Department
2. Scheme Roads District and village roads in the Concentrated Areas
3. Brief description of scheme
4. Areas selected for application
5. Other Departments to be consulted
6. Upper staff for planning and/or execution of the scheme —
7. Lower staff for planning and/or execution of the scheme —
8. How staff to be obtained —
9. Rough estimates of cost at existing rates for each year of the first Five Year Plan —

	1st year	2nd year	3rd year	4th year	5th year	Total
	Rs	Rs	Rs	Rs	Rs	Rs.

Capital

Recurring—

(i) Work

(ii) Establishment

10. To what extent is the scheme <sup>or</sup> productive and/or cost recoverable —

11. Nature of material, machinery, etc., needed from—

(a) abroad —

(b) locally —

12. Any other remarks or information — The details of staff and cost are only tentative and have not yet been finally approved by Government

\* For details please see Scheme No. 40



